

Appendix C. Monitoring Results

Air Quality Monitoring Results

1-hour TSP Results

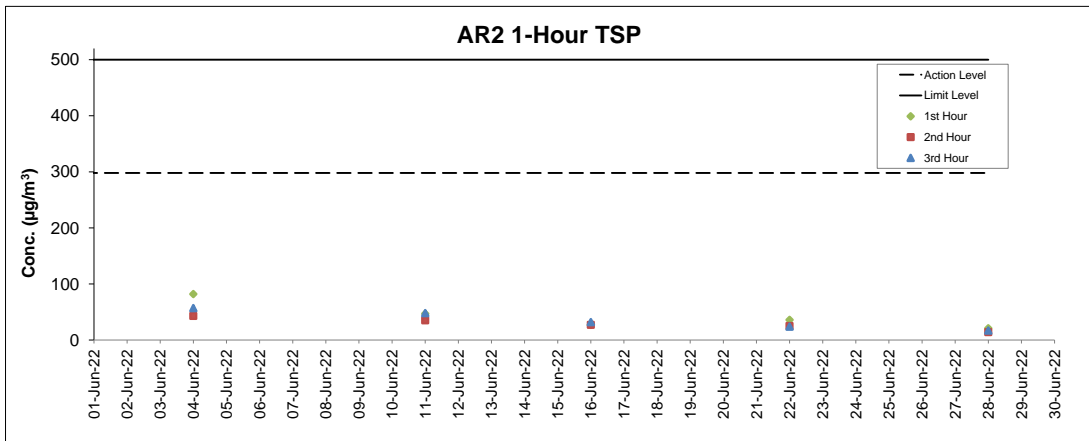
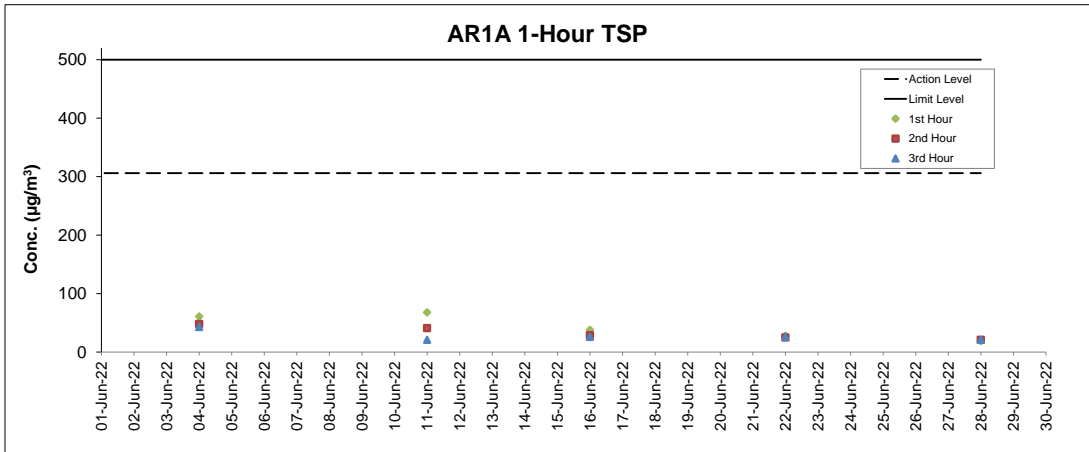
Station: AR1A- Man Tung Road Park

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
04-Jun-22	9:16	Sunny	8.6	201	61	306	500
04-Jun-22	10:16	Sunny	6.9	202	48	306	500
04-Jun-22	11:16	Sunny	6.4	217	43	306	500
11-Jun-22	13:14	Overcast	6.7	222	68	306	500
11-Jun-22	14:14	Overcast	4.2	288	41	306	500
11-Jun-22	15:14	Overcast	5.3	234	21	306	500
16-Jun-22	9:50	Fine	6.4	224	38	306	500
16-Jun-22	10:50	Fine	7.2	221	29	306	500
16-Jun-22	11:50	Fine	7.5	225	26	306	500
22-Jun-22	9:31	Sunny	4.7	224	28	306	500
22-Jun-22	10:31	Sunny	5.8	208	25	306	500
22-Jun-22	11:31	Sunny	3.9	225	26	306	500
28-Jun-22	12:14	Sunny	4.4	265	19	306	500
28-Jun-22	13:14	Sunny	3.3	264	21	306	500
28-Jun-22	14:14	Sunny	4.2	250	21	306	500

1-hour TSP Results

Station: AR2- Village House, Tin Sum

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
04-Jun-22	13:37	Sunny	7.2	193	82	298	500
04-Jun-22	14:37	Sunny	6.1	200	43	298	500
04-Jun-22	15:37	Sunny	5.3	211	57	298	500
11-Jun-22	9:01	Overcast	2.5	50	47	298	500
11-Jun-22	10:01	Overcast	5.3	206	35	298	500
11-Jun-22	11:01	Overcast	3.3	Variable	48	298	500
16-Jun-22	14:37	Fine	6.9	205	27	298	500
16-Jun-22	15:37	Fine	6.4	220	27	298	500
16-Jun-22	16:37	Fine	5.3	216	32	298	500
22-Jun-22	14:09	Sunny	4.7	188	36	298	500
22-Jun-22	15:09	Sunny	5.8	217	25	298	500
22-Jun-22	16:09	Sunny	4.7	163	24	298	500
28-Jun-22	8:00	Sunny	3.1	270	21	298	500
28-Jun-22	9:00	Sunny	1.7	324	14	298	500
28-Jun-22	10:00	Sunny	2.2	310	17	298	500



Notes

1. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
2. Weather conditions during monitoring are presented in the data tables above.
3. QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.

Noise Monitoring Results

Noise Measurement Results
Station: NM1A- Man Tung Road Park

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
11-Jun-22	Overcast	13:37	62.0	58.0	64
11-Jun-22	Overcast	13:42	61.7	57.3	
11-Jun-22	Overcast	13:47	61.0	56.1	
11-Jun-22	Overcast	13:52	60.6	55.0	
11-Jun-22	Overcast	13:57	58.5	54.8	
11-Jun-22	Overcast	14:02	61.7	56.2	
16-Jun-22	Fine	09:20	73.3	56.3	67*
16-Jun-22	Fine	09:25	73.9	54.2	
16-Jun-22	Fine	09:30	72.9	56.5	
16-Jun-22	Fine	09:35	73.3	56.6	
16-Jun-22	Fine	09:40	73.2	60.1	
16-Jun-22	Fine	09:45	73.4	58.9	
22-Jun-22	Sunny	10:02	70.3	53.0	69
22-Jun-22	Sunny	10:07	70.5	55.0	
22-Jun-22	Sunny	10:12	70.5	56.0	
22-Jun-22	Sunny	10:17	69.0	54.4	
22-Jun-22	Sunny	10:22	69.3	52.5	
22-Jun-22	Sunny	10:27	73.4	54.6	
28-Jun-22	Sunny	12:37	69.4	58.4	70
28-Jun-22	Sunny	12:42	70.0	57.3	
28-Jun-22	Sunny	12:47	68.9	57.3	
28-Jun-22	Sunny	12:52	70.9	59.7	
28-Jun-22	Sunny	12:57	71.2	57.3	
28-Jun-22	Sunny	13:02	71.3	57.5	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

(*) The measurement result was corrected with reference to the baseline monitoring levels.

Noise Measurement Results
Station: NM4- Ching Chung Hau Po Woon Primary School

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
10-Jun-22	Overcast	13:56	60.6	56.0	61
10-Jun-22	Overcast	14:01	59.6	55.6	
10-Jun-22	Overcast	14:06	59.9	54.8	
10-Jun-22	Overcast	14:11	59.6	55.1	
10-Jun-22	Overcast	14:16	59.0	54.9	
10-Jun-22	Overcast	14:21	60.1	56.4	
15-Jun-22	Sunny	13:29	62.7	59.7	63
15-Jun-22	Sunny	13:34	62.0	59.7	
15-Jun-22	Sunny	13:39	62.2	59.0	
15-Jun-22	Sunny	13:44	61.1	58.8	
15-Jun-22	Sunny	13:49	61.0	58.7	
15-Jun-22	Sunny	13:54	60.4	58.0	
21-Jun-22	Sunny	13:38	60.2	56.7	62
21-Jun-22	Sunny	13:43	61.6	56.7	
21-Jun-22	Sunny	13:48	60.4	56.8	
21-Jun-22	Sunny	13:53	60.4	57.3	
21-Jun-22	Sunny	13:58	60.3	57.1	
21-Jun-22	Sunny	14:03	59.5	56.8	
29-Jun-22	Sunny	08:33	62.1	57.4	63
29-Jun-22	Sunny	08:38	62.2	58.0	
29-Jun-22	Sunny	08:43	61.5	59.2	
29-Jun-22	Sunny	08:48	62.0	58.8	
29-Jun-22	Sunny	08:53	60.8	58.5	
29-Jun-22	Sunny	08:58	60.8	58.5	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

Noise Measurement Results

Station: NM5- Village House, Tin Sum

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
11-Jun-22	Overcast	09:38	58.6	47.2	58
11-Jun-22	Overcast	09:43	58.4	52.0	
11-Jun-22	Overcast	09:48	54.3	46.7	
11-Jun-22	Overcast	09:53	51.6	44.9	
11-Jun-22	Overcast	09:58	53.5	44.7	
11-Jun-22	Overcast	10:03	52.2	45.5	
16-Jun-22	Fine	14:44	52.8	45.2	61*
16-Jun-22	Fine	14:49	57.4	44.9	
16-Jun-22	Fine	14:54	67.7	49.1	
16-Jun-22	Fine	14:59	53.8	45.3	
16-Jun-22	Fine	15:04	55.6	45.0	
16-Jun-22	Fine	15:09	59.3	47.8	
22-Jun-22	Sunny	14:58	50.3	43.7	56
22-Jun-22	Sunny	15:03	48.3	44.0	
22-Jun-22	Sunny	15:08	62.2	47.3	
22-Jun-22	Sunny	15:13	58.9	46.9	
22-Jun-22	Sunny	15:18	48.6	44.2	
22-Jun-22	Sunny	15:23	50.8	44.7	
28-Jun-22	Sunny	08:27	55.8	52.2	59
28-Jun-22	Sunny	08:32	60.5	56.1	
28-Jun-22	Sunny	08:37	57.7	55.8	
28-Jun-22	Sunny	08:42	55.8	52.2	
28-Jun-22	Sunny	08:47	54.4	47.7	
28-Jun-22	Sunny	08:52	59.2	48.3	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

(*) The measurement result was corrected with reference to the baseline monitoring levels.

Noise Measurement Results

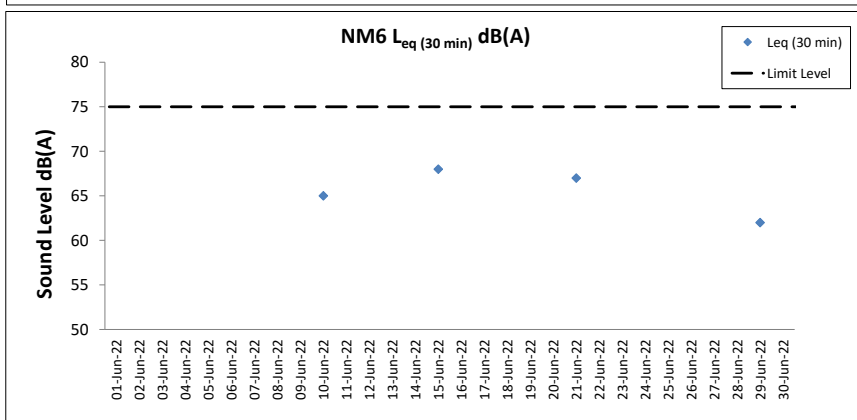
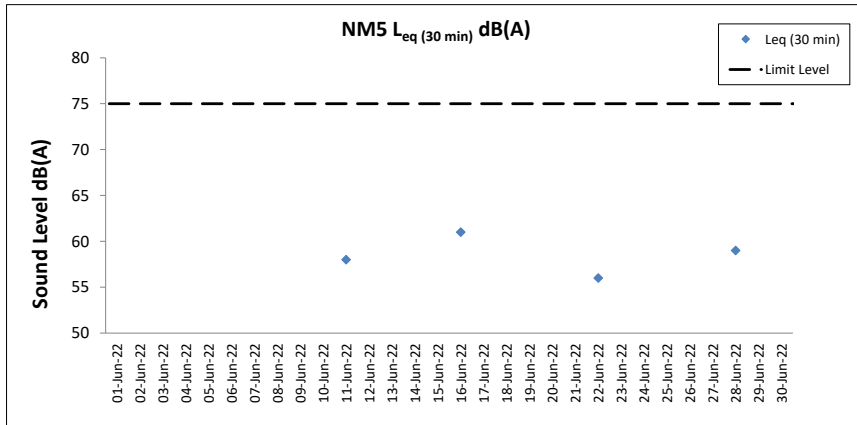
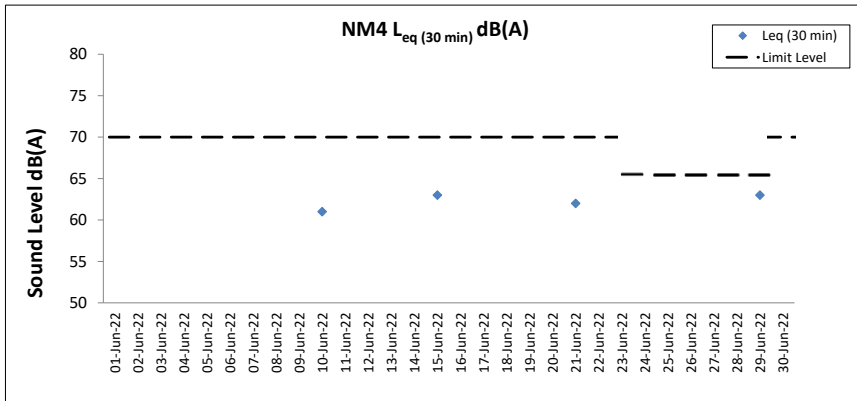
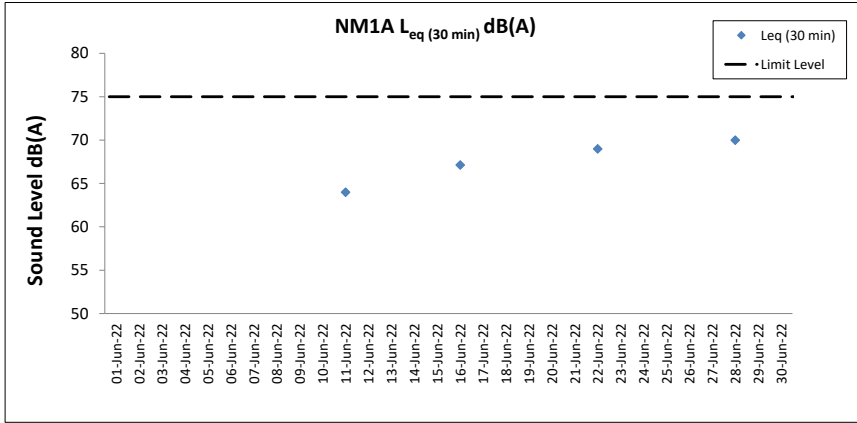
Station: NM6- House No.1 Sha Lo Wan

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
10-Jun-22	Overcast	15:40	56.1	50.0	65
10-Jun-22	Overcast	15:45	64.9	48.9	
10-Jun-22	Overcast	15:50	56.1	47.6	
10-Jun-22	Overcast	15:55	57.5	47.7	
10-Jun-22	Overcast	16:00	59.6	48.3	
10-Jun-22	Overcast	16:05	58.8	46.7	
15-Jun-22	Sunny	15:39	71.1	48.4	68
15-Jun-22	Sunny	15:44	57.7	45.8	
15-Jun-22	Sunny	15:49	72.9	47.4	
15-Jun-22	Sunny	15:54	64.0	50.8	
15-Jun-22	Sunny	15:59	54.5	49.5	
15-Jun-22	Sunny	16:04	69.6	49.9	
21-Jun-22	Sunny	15:38	61.9	48.8	67
21-Jun-22	Sunny	15:43	57.1	49.5	
21-Jun-22	Sunny	15:48	62.3	48.0	
21-Jun-22	Sunny	15:53	62.8	48.0	
21-Jun-22	Sunny	15:58	71.0	50.6	
21-Jun-22	Sunny	16:03	52.7	45.1	
29-Jun-22	Sunny	09:41	69.0	48.5	62*
29-Jun-22	Sunny	09:46	71.9	50.1	
29-Jun-22	Sunny	09:51	72.5	52.7	
29-Jun-22	Sunny	09:56	61.9	50.4	
29-Jun-22	Sunny	10:01	69.3	52.8	
29-Jun-22	Sunny	10:06	57.9	47.7	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

(*) The measurement result was corrected with reference to the baseline monitoring levels.



Notes

1. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
2. Weather conditions during monitoring are presented in the data tables above.
3. QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.

Water Quality Monitoring Results

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 02 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)									
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA											
C1	Cloudy	Moderate	14:19	8.7	Surface	1.0	0.6	198	26.7	26.7	8.0	8.0	20.8	21.0	87.3	87.3	6.2	5.8	1.5	6.3	3	2	815641	804259									
						1.0	0.6	193	26.7	8.0	8.0	21.3	21.0	87.2	87.3	6.2	5.8	1.6	6.3	2													
					Middle	4.4	0.6	207	25.8	25.8	8.0	8.0	31.4	31.4	77.9	78.2	5.3	5.3	7.8	6.3	2				2	815641	804259						
						4.4	0.6	205	25.8	25.8	8.0	8.0	31.4	31.4	78.5	78.2	5.4	5.3	7.6	6.3	2												
					Bottom	7.7	0.5	187	25.6	25.6	8.0	8.0	31.7	31.7	77.3	77.5	5.3	5.3	9.7	5.3	9.7							5.3	2	2	815641	804259	
						7.7	0.6	181	25.6	25.6	8.0	8.0	31.7	31.7	77.6	77.5	5.3	5.3	9.4	5.3	9.4							5.3	2				
C2	Cloudy	Moderate	13:05	11.4	Surface	1.0	0.5	167	27.5	27.5	8.1	8.1	14.6	14.1	90.6	90.5	6.5	6.0	2.5	4.1	2	2	825660	806931									
						1.0	0.5	162	27.5	27.5	8.1	8.1	13.6	14.1	90.4	90.5	6.5	6.0	2.5	4.1	2												
					Middle	5.7	0.5	164	27.0	27.0	7.9	7.9	18.4	18.3	78.8	78.9	5.6	5.5	2.6	6.0	2.6				4.1	2	2	825660	806931				
						5.7	0.5	169	27.0	27.0	7.9	7.9	18.3	18.3	79.0	78.9	5.5	5.5	2.6	6.0	2.6				4.1	2							
					Bottom	10.4	0.5	166	26.2	26.2	7.9	7.9	28.4	28.5	81.1	81.2	5.6	5.6	7.2	5.6	7.2				5.6	4.1				2	2	825660	806931
						10.4	0.5	160	26.2	26.2	7.9	7.9	28.6	28.5	81.3	81.2	5.6	5.6	7.4	5.6	7.4				5.6	4.1				2			
C3	Misty	Moderate	14:07	10.4	Surface	1.0	0.5	63	26.7	26.7	8.0	8.0	19.3	19.4	101.5	101.5	7.3	7.3	1.0	1.4	2	3	822120	817787									
						1.0	0.6	61	26.7	26.7	8.0	8.0	19.4	19.4	101.4	101.5	7.3	7.3	1.0	1.4	3												
					Middle	5.2	0.5	48	26.4	26.4	8.0	8.0	21.7	22.0	101.3	101.5	7.2	7.2	1.1	7.3	1.1				1.4	3	3	822120	817787				
						5.2	0.5	42	26.4	26.4	8.0	8.0	22.3	22.0	101.7	101.5	7.2	7.2	1.2	7.3	1.2				1.4	3							
					Bottom	9.4	0.5	48	26.5	26.5	8.0	8.0	25.5	25.3	104.9	106.5	7.3	7.5	2.1	7.5	2.1				1.4	3				3	822120	817787	
						9.4	0.6	51	26.7	26.6	8.0	8.0	25.1	25.3	108.0	106.5	7.6	7.5	2.1	7.5	2.1				1.4	3							
IM1	Cloudy	Moderate	13:54	7.5	Surface	1.0	0.3	191	26.9	26.9	8.0	8.0	18.6	18.7	88.5	88.6	6.4	5.8	3.4	7.5	3	2	818352	806450									
						1.0	0.3	198	26.9	26.9	8.0	8.0	18.8	18.7	88.6	88.6	6.4	5.8	3.5	7.5	2												
					Middle	3.8	0.3	184	25.8	25.8	8.0	8.0	30.3	30.4	74.0	74.1	5.1	5.1	8.5	5.8	8.5				7.5	2	2	818352	806450				
						3.8	0.3	178	25.7	25.7	8.0	8.0	30.5	30.4	74.1	74.1	5.1	5.1	8.9	5.8	8.9				7.5	2							
					Bottom	6.5	0.4	167	25.7	25.7	8.0	8.0	31.0	31.0	74.9	75.0	5.1	5.1	10.5	5.1	10.5				5.1	7.5				2	2	818352	806450
						6.5	0.4	163	25.7	25.7	8.0	8.0	31.0	31.0	75.0	75.0	5.1	5.1	10.2	5.1	10.2				5.1	7.5				2			
IM2	Cloudy	Moderate	13:49	7.6	Surface	1.0	0.4	184	26.8	26.8	8.0	8.0	21.0	20.9	86.2	86.3	6.1	5.7	1.9	8.6	3	3	819185	806242									
						1.0	0.4	179	26.8	26.8	8.0	8.0	20.8	20.9	86.4	86.3	6.2	5.7	2.0	8.6	2												
					Middle	3.8	0.4	181	25.8	25.8	8.0	8.0	30.0	30.0	76.5	76.6	5.3	5.3	11.1	5.7	11.1				8.6	3	3	819185	806242				
						3.8	0.4	185	25.8	25.8	8.0	8.0	30.1	30.0	76.6	76.6	5.3	5.3	11.5	5.7	11.5				8.6	3							
					Bottom	6.6	0.4	199	25.8	25.8	8.0	8.0	30.4	30.4	78.1	78.3	5.4	5.4	12.8	5.4	12.8				8.6	3				3	819185	806242	
						6.6	0.3	194	25.8	25.8	8.0	8.0	30.4	30.4	78.5	78.3	5.4	5.4	12.5	5.4	12.5				8.6	3							
IM7	Cloudy	Moderate	13:28	8.6	Surface	1.0	0.2	154	27.4	27.4	8.1	8.1	17.1	17.1	86.8	86.8	6.2	5.8	1.3	4.9	3	2	821327	806816									
						1.0	0.3	153	27.4	27.4	8.1	8.1	17.1	17.1	86.8	86.8	6.2	5.8	1.3	4.9	2												
					Middle	4.3	0.3	137	26.6	26.6	8.0	8.0	22.5	22.5	76.1	76.4	5.4	5.4	4.6	5.8	4.6				4.9	2	2	821327	806816				
						4.3	0.3	131	26.6	26.6	8.0	8.0	22.5	22.5	76.6	76.4	5.4	5.4	5.3	5.8	5.3				4.9	2							
					Bottom	7.6	0.3	167	26.6	26.6	8.0	8.0	25.5	25.5	79.5	79.5	5.5	5.5	8.5	5.5	8.5				5.5	4.9				2	2	821327	806816
						7.6	0.3	163	26.6	26.6	8.0	8.0	25.5	25.5	79.5	79.5	5.5	5.5	8.5	5.5	8.5				5.5	4.9				2			

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 02 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Misty	Moderate	13:06	8.8	Surface	1.0	0.6	109	26.7	26.7	8.0	8.0	14.9	14.9	96.3	95.7	7.1	6.8	4.7	5.5	3	3	822245	809836
						1.0	0.5	105	26.6		8.0	8.0	14.9	14.9	95.1	95.7	7.0	6.8	4.9					
					Middle	4.4	0.6	124	26.4	26.4	8.0	8.0	19.0	19.1	91.3	91.2	6.6	6.8	5.1	6.8	3			
						4.4	0.6	118	26.4		8.0	8.0	19.2	19.1	91.3	91.2	6.6	6.8	5.2					
					Bottom	7.8	0.6	88	26.5	26.5	8.0	8.0	22.3	22.3	96.2	96.2	6.8	6.8	6.6	6.8	3			
						7.8	0.6	81	26.5		8.0	8.0	22.3	22.3	96.2	96.2	6.8	6.8	6.6					
IM11	Misty	Moderate	13:12	7.0	Surface	1.0	0.7	106	26.6	26.6	7.9	7.9	16.1	16.2	95.4	95.1	7.0	6.8	5.9	6.5	4	3	821509	810565
						1.0	0.7	109	26.6		7.9	7.9	16.2	16.2	94.7	95.1	6.9	6.8	5.9					
					Middle	3.5	0.7	79	26.4	26.4	7.9	7.9	19.6	19.5	91.5	91.7	6.6	6.8	6.2	6.8	3			
						3.5	0.8	82	26.4		7.9	7.9	19.3	19.5	91.9	91.7	6.7	6.8	6.2					
					Bottom	6.0	0.7	115	26.4	26.4	7.9	7.9	21.4	21.3	96.2	97.7	6.9	7.0	7.4	7.0	3			
						6.0	0.6	119	26.4		7.9	7.9	21.3	21.3	99.1	97.7	7.1	7.0	7.5					
IM12	Misty	Moderate	13:17	7.4	Surface	1.0	0.8	105	26.7	26.7	8.0	8.0	15.1	15.1	94.0	94.0	6.9	6.9	3.5	6.9	2	2	821167	811514
						1.0	0.8	105	26.7		8.0	8.0	15.1	15.1	94.0	94.0	6.9	6.9	3.4					
					Middle	3.7	0.7	100	26.6	26.6	7.9	7.9	18.9	18.9	93.1	95.0	6.7	6.9	4.0	6.9	3			
						3.7	0.7	102	26.6		8.0	8.0	19.0	18.9	96.9	95.0	7.0	6.9	4.1					
					Bottom	6.4	0.7	98	26.6	26.6	8.0	8.0	19.2	19.2	104.5	104.5	7.5	7.5	5.4	7.5	<2			
						6.4	0.7	101	26.6		8.0	8.0	19.2	19.2	104.5	104.5	7.5	7.5	5.4					
SR1A	Misty	Moderate	13:39	4.6	Surface	1.0	0.1	96	27.1	27.1	8.0	8.0	17.1	17.1	103.1	103.1	7.5	7.5	2.2	7.5	4	4	819972	812656
						1.0	0.1	98	27.1		8.0	8.0	17.1	17.1	103.1	103.1	7.5	7.5	2.2					
					Middle	2.3	0.0	96	-	-	-	-	-	-	-	-	-	-	-	2.8	-			
						2.3	0.0	101	-		-	-	-	-	-	-	-	-	-	-				
					Bottom	3.6	0.0	89	26.9	27.0	8.0	8.0	19.0	18.7	112.7	113.6	8.1	8.2	3.4	8.2	4			
						3.6	0.0	86	27.0		8.0	8.0	18.5	18.7	114.5	113.6	8.2	8.2	3.3					
SR2	Misty	Moderate	13:51	4.0	Surface	1.0	0.6	42	27.0	27.0	8.0	8.0	14.9	14.8	100.3	99.9	7.4	7.4	2.2	7.4	3	3	821451	814176
						1.0	0.6	44	26.9		8.0	8.0	14.7	14.8	99.5	99.9	7.3	7.4	2.2					
					Middle	-	0.6	67	-	-	-	-	-	-	-	-	-	-	-	3.1	-			
						-	0.6	68	-		-	-	-	-	-	-	-	-	-	-				
					Bottom	3.0	0.6	61	26.6	26.7	8.0	8.0	20.2	20.1	105.6	107.9	7.6	7.8	3.9	7.8	4			
						3.0	0.5	61	26.7		8.0	8.0	20.1	20.1	110.1	107.9	7.9	7.8	3.9					
SR3	Cloudy	Moderate	13:24	9.0	Surface	1.0	0.5	142	27.6	27.6	8.1	8.1	16.1	16.1	89.9	89.8	6.5	6.0	1.6	6.0	2	2	822130	807577
						1.0	0.5	134	27.6		8.1	8.1	16.1	16.1	89.6	89.8	6.5	6.0	1.6					
					Middle	4.5	0.5	143	26.5	26.5	8.0	8.0	22.8	22.8	77.6	77.7	5.5	6.0	6.5	6.0	2			
						4.5	0.5	149	26.5		8.0	8.0	22.9	22.8	77.8	77.7	5.5	6.0	7.4					
					Bottom	8.0	0.5	131	26.3	26.4	8.0	8.0	25.2	25.2	77.9	77.9	5.5	5.5	9.4	5.5	2			
						8.0	0.5	128	26.4		8.0	8.0	25.3	25.2	77.9	77.9	5.4	5.5	9.7					
SR4A	Cloudy	Moderate	14:42	8.9	Surface	1.0	0.0	45	26.9	26.9	8.0	8.0	18.4	18.7	89.2	89.3	6.4	5.8	7.5	5.8	2	2	817183	807800
						1.0	0.1	49	26.9		8.0	8.0	18.9	18.7	89.4	89.3	6.4	5.8	7.7					
					Middle	4.5	0.0	63	25.8	25.8	8.0	8.0	30.0	30.0	73.9	74.0	5.1	5.8	8.3	5.8	3			
						4.5	0.1	60	25.8		8.0	8.0	30.0	30.0	74.0	74.0	5.1	5.8	8.5					
					Bottom	7.9	0.0	51	25.8	25.8	8.0	8.0	30.1	30.1	74.7	74.9	5.1	5.2	10.3	5.2	2			
						7.9	0.1	50	25.8		8.0	8.0	30.2	30.1	75.0	74.9	5.2	5.2	10.3					
SR8	Misty	Moderate	13:21	5.0	Surface	1.0	-	-	27.0	27.0	8.0	8.0	18.8	18.8	98.3	98.4	7.1	7.1	3.3	7.1	3	3	820374	811603
						1.0	-	-	26.9		8.0	8.0	18.8	18.8	98.5	98.4	7.1	7.1	3.2					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-			
						-	-	-	-		-	-	-	-	-	-	-	-	-					
					Bottom	4.0	-	-	26.7	26.7	8.0	8.0	20.3	20.3	101.3	101.7	7.2	7.3	4.1	7.3	3			
						4.0	-	-	26.7		8.0	8.0	20.3	20.3	102.1	101.7	7.3	7.3	4.1					

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 02 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	07:30	8.0	Surface	1.0	0.3	16	26.9	26.9	8.0	8.0	14.6	14.6	89.4	89.1	6.6	5.9	2.7	7.2	4	3	815629	804230
						1.0	0.3	16	26.9		8.0	8.0	14.5	14.6	88.7	89.1	6.5	5.9	2.8					
					Middle	4.0	0.3	35	25.6	25.6	8.0	8.0	31.9	31.9	77.8	77.9	5.3	5.4	7.1	3				
						4.0	0.3	31	25.6		8.0	8.0	31.9	31.9	77.9	77.9	5.3	5.4	7.4	2				
					Bottom	7.0	0.3	19	25.5	25.5	8.0	8.0	32.5	32.5	79.2	79.3	5.4	5.4	11.7	2				
						7.0	0.3	23	25.5		8.0	8.0	32.5	32.5	79.4	79.3	5.4	5.4	11.7	3				
C2	Cloudy	Moderate	08:39	11.2	Surface	1.0	0.4	339	27.2	27.2	8.1	8.1	14.5	14.4	91.1	91.1	6.7	6.2	2.5	4.4	3	3	825691	806960
						1.0	0.4	342	27.2		8.1	8.1	14.3	14.4	91.0	91.1	6.7	6.2	2.6					
					Middle	5.6	0.4	348	27.0	27.0	7.9	7.9	20.5	20.5	78.7	78.6	5.6	5.3	4.3	3				
						5.6	0.4	349	26.9		7.9	7.9	20.4	20.5	78.4	78.6	5.6	5.3	4.7	3				
					Bottom	10.2	0.4	6	26.5	26.5	7.9	7.9	26.1	26.5	77.0	77.1	5.3	5.3	6.3	2				
						10.2	0.3	8	26.5		7.9	7.9	26.8	26.5	77.2	77.1	5.3	5.3	6.2	3				
C3	Misty	Moderate	08:00	8.4	Surface	1.0	0.5	239	26.1	26.1	7.9	7.9	17.7	17.7	93.5	93.2	6.9	6.5	1.0	2.2	3	2	822120	817806
						1.0	0.5	245	26.0		7.9	7.9	17.8	17.7	92.8	93.2	6.8	6.5	1.1					
					Middle	4.2	0.4	259	25.7	25.7	7.9	7.9	25.3	25.0	87.9	87.9	6.2	6.2	2.1	3				
						4.2	0.4	256	25.6		7.9	7.9	24.7	25.0	87.9	87.9	6.2	6.2	2.2	2				
					Bottom	7.4	0.5	250	25.5	25.5	7.9	7.9	31.0	30.9	89.1	89.4	6.1	6.2	3.3	2				
						7.4	0.5	247	25.5		7.9	7.9	30.9	30.9	89.6	89.4	6.2	6.2	3.3	2				
IM1	Cloudy	Moderate	07:44	7.2	Surface	1.0	0.1	30	26.9	26.9	8.0	8.0	14.5	14.5	90.5	90.2	6.7	6.5	2.2	7.6	2	2	818334	806469
						1.0	0.2	33	26.9		8.0	8.0	14.5	14.5	89.8	90.2	6.6	6.5	2.0					
					Middle	3.6	0.2	21	26.6	26.6	8.0	8.0	16.5	17.3	87.9	87.9	6.4	6.4	9.4	3				
						3.6	0.2	19	26.5		8.0	8.0	18.1	17.3	87.8	87.9	6.4	6.4	9.6	2				
					Bottom	6.2	0.2	20	25.8	25.9	8.0	8.0	30.2	30.2	78.0	78.2	5.4	5.4	11.2	2				
						6.2	0.2	26	25.9		8.0	8.0	30.2	30.2	78.3	78.2	5.4	5.4	11.2	2				
IM2	Cloudy	Moderate	07:51	8.0	Surface	1.0	0.1	8	26.9	26.9	8.0	8.0	14.6	14.7	93.0	93.0	6.8	6.6	1.9	5.4	2	2	819179	806223
						1.0	0.2	8	26.9		8.0	8.0	14.7	14.7	92.9	93.0	6.8	6.6	1.9					
					Middle	4.0	0.1	15	26.7	26.7	8.0	8.0	18.8	18.8	88.0	88.1	6.4	6.4	5.0	2				
						4.0	0.1	11	26.6		8.0	8.0	18.8	18.8	88.1	88.1	6.4	6.4	5.4	3				
					Bottom	7.0	0.2	14	26.2	26.2	8.0	8.0	27.1	27.1	79.0	79.1	5.5	5.5	9.0	2				
						7.0	0.2	21	26.2		8.0	8.0	27.1	27.1	79.2	79.1	5.5	5.5	9.4	3				
IM7	Cloudy	Moderate	08:13	8.4	Surface	1.0	0.2	359	27.2	27.2	8.0	8.0	14.9	14.9	89.3	89.3	6.5	6.2	2.7	5.7	3	3	821339	806840
						1.0	0.1	356	27.2		8.0	8.0	14.9	14.9	89.2	89.3	6.5	6.2	2.7					
					Middle	4.2	0.1	3	26.9	26.9	8.0	8.0	18.8	18.8	82.3	82.3	5.9	5.9	3.3	4				
						4.2	0.1	2	26.9		8.0	8.0	18.8	18.8	82.2	82.3	5.9	5.9	3.3	3				
					Bottom	7.4	0.1	353	26.4	26.4	8.0	8.0	25.8	25.9	79.0	79.1	5.5	5.5	10.8	3				
						7.4	0.1	356	26.4		8.0	8.0	25.9	25.9	79.2	79.1	5.5	5.5	11.2	3				

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 02 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA	
IM10	Misty	Moderate	09:06	8.2	Surface	1.0	0.3	308	26.7	26.7	8.0	8.0	16.1	16.1	92.2	92.1	6.7	6.6	3.6	4.5	2	3	822244	809853			
						1.0	0.3	312	26.7		8.0	8.0	16.1	16.1	91.9	91.3	6.7	6.6	3.6	4.5	3						
					Middle	4.1	0.3	300	26.6	26.6	8.0	8.0	20.1	20.0	91.3	91.3	6.6	6.5	4.4	4.4	2				3		
						4.1	0.3	293	26.5		8.0	8.0	20.0	20.0	91.3	91.3	6.5	6.5	4.4	4.4	2						
					Bottom	7.2	0.3	293	26.4	26.4	7.9	7.9	22.9	22.8	94.7	95.2	6.7	6.7	5.7	5.5	3				3		
						7.2	0.3	295	26.4		7.9	7.9	22.7	22.8	95.7	95.2	6.7	6.7	5.5	5.5	3						
IM11	Misty	Moderate	09:01	8.0	Surface	1.0	0.4	283	26.9	26.9	8.0	8.0	16.1	16.1	94.3	94.1	6.9	6.7	3.7	4.6	<2	<2	821517	810531			
						1.0	0.5	284	26.8		8.0	8.0	16.1	16.1	93.8	90.4	6.9	6.5	3.8	4.7	<2						
					Middle	4.0	0.4	294	26.5	26.5	8.0	8.0	20.9	20.9	90.3	90.4	6.5	6.5	4.9	4.9	<2				3		
						4.0	0.5	287	26.5		8.0	8.0	20.9	20.9	90.5	90.4	6.5	6.5	4.9	4.9	<2						
					Bottom	7.0	0.4	282	26.4	26.4	7.9	7.9	23.8	23.8	96.0	96.9	6.8	6.8	5.4	5.4	<2				3		
						7.0	0.4	277	26.4		7.9	7.9	23.8	23.8	97.7	96.9	6.8	6.8	5.4	5.4	<2						
IM12	Misty	Moderate	08:55	9.2	Surface	1.0	0.3	267	26.4	26.4	8.0	8.0	17.0	17.0	92.5	92.1	6.8	6.4	5.1	6.2	<2	<2	821178	811522			
						1.0	0.3	270	26.4		8.0	8.0	17.0	17.0	91.6	91.6	6.7	6.4	5.2	6.2	<2						
					Middle	4.6	0.4	290	26.1	26.1	8.0	8.0	25.7	25.9	86.7	86.8	6.1	6.1	6.2	6.2	<2				3		
						4.6	0.4	293	26.1		8.0	8.0	26.0	26.0	86.9	86.8	6.1	6.1	6.2	6.2	<2						
					Bottom	8.2	0.4	273	26.1	26.1	8.0	8.0	26.3	26.3	88.7	91.2	6.2	6.4	7.1	7.1	<2				3		
						8.2	0.3	279	26.1		8.0	8.0	26.3	26.3	93.6	91.2	6.5	6.4	7.2	7.2	<2						
SR1A	Misty	Moderate	08:33	5.4	Surface	1.0	0.0	197	27.2	27.2	8.0	8.0	14.9	14.9	95.3	95.4	7.0	7.0	1.7	2.3	<2	<2	819982	812663			
						1.0	-	192	27.2		8.0	8.0	14.9	14.9	95.5	95.4	6.9	7.0	1.7	2.3	<2						
					Middle	2.7	0.0	190	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3
						2.7	0.1	190	-		-	-	-	-	-	-	-	-	-	-	-				-	-	
					Bottom	4.4	-	185	27.3	27.4	8.0	8.0	17.0	16.9	98.0	98.5	7.1	7.2	2.8	2.9	<2				3		
						4.4	0.0	181	27.4		8.0	8.0	16.8	16.9	99.0	98.5	7.2	7.2	2.9	2.9	<2						
SR2	Misty	Moderate	08:20	5.0	Surface	1.0	0.1	260	27.0	27.0	8.0	8.0	16.0	16.0	96.7	96.7	7.1	7.1	3.3	3.9	<2	<2	821473	814177			
						1.0	0.0	264	27.0		8.0	8.0	16.1	16.0	96.7	96.7	7.1	7.1	3.3	3.9	<2						
					Middle	-	0.1	249	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3
						-	0.1	248	-		-	-	-	-	-	-	-	-	-	-	-				-		
					Bottom	4.0	0.1	270	27.3	27.3	8.0	8.0	18.1	18.0	98.3	98.7	7.0	7.1	4.6	4.5	<2				3		
						4.0	0.2	270	27.3		8.0	8.0	18.0	18.0	99.0	98.7	7.1	7.1	4.5	4.5	<2						
SR3	Cloudy	Moderate	08:19	8.9	Surface	1.0	0.2	336	27.6	27.6	8.1	8.1	15.3	15.3	89.7	89.6	6.5	6.1	1.9	6.3	2	2	822152	807571			
						1.0	0.2	331	27.5		8.1	8.1	15.3	15.3	89.4	89.6	6.5	6.1	1.9	6.3	2						
					Middle	4.5	0.3	356	26.9	26.9	8.0	8.0	19.4	19.5	78.7	78.7	5.6	5.6	5.1	5.1	2				3		
						4.5	0.3	355	26.8		8.0	8.0	19.5	19.5	78.7	78.7	5.6	5.6	5.1	5.1	2						
					Bottom	7.9	0.2	344	26.5	26.5	8.0	8.0	24.2	24.2	80.3	80.4	5.6	5.7	11.8	12.0	2				3		
						7.9	0.2	344	26.4		8.0	8.0	24.3	24.2	80.5	80.4	5.7	5.7	12.0	12.0	2						
SR4A	Cloudy	Moderate	07:12	9.2	Surface	1.0	0.0	175	26.7	26.7	7.9	7.9	14.1	14.1	88.1	88.1	6.5	6.2	3.2	6.5	<2	<2	817167	807797			
						1.0	0.0	181	26.7		7.9	7.9	14.1	14.1	88.0	82.4	6.5	6.2	3.4	4.9	<2						
					Middle	4.6	0.0	181	26.7	26.7	7.9	7.9	19.2	19.2	82.4	82.4	5.9	5.9	4.6	4.6	<2				3		
						4.6	0.1	175	26.7		7.9	7.9	19.2	19.2	82.3	82.4	5.9	5.9	4.6	4.6	<2						
					Bottom	8.2	0.0	154	26.2	26.2	7.9	7.9	27.5	27.5	74.3	74.4	5.2	5.2	11.6	11.5	<2				3		
						8.2	0.1	153	26.2		7.9	7.9	27.6	27.5	74.4	74.4	5.2	5.2	11.5	11.5	<2						
SR8	Misty	Moderate	08:50	5.6	Surface	1.0	-	-	27.0	27.1	8.0	8.0	17.5	17.6	90.3	90.3	6.5	6.5	4.2	4.6	2	2	820405	811629			
						1.0	-	-	27.1		8.0	8.0	17.7	17.6	90.3	90.3	6.5	6.5	4.2	4.6	2						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3
						-	-	-	-		-	-	-	-	-	-	-	-	-	-	-				-		
					Bottom	4.6	-	-	27.4	27.4	7.9	7.9	23.2	23.1	93.5	94.3	6.5	6.6	5.1	5.1	2				3		
						4.6	-	-	27.4		7.9	7.9	23.1	23.1	95.1	94.3	6.6	6.6	5.1	5.1	2						

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 04 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C1	Cloudy	Moderate	15:54	8.4	Surface	1.0	0.7	218	27.1	27.1	7.9	7.9	12.3	12.3	92.3	92.3	6.9	6.1	3.3	6.3	3	4	815625	804252		
						1.0	0.6	224	27.1		7.9		12.3		92.2		6.8		3.3		3					
					Middle	4.2	0.7	213	26.3	26.3	8.0	8.0	22.9	23.0	76.3	76.3	5.4	4.9	2.8	4.9	13.0				4.9	4
						4.2	0.6	217	26.3		8.0		23.1		76.3		5.4		2.8		3					
					Bottom	7.4	0.7	231	25.8	25.8	7.8	7.8	31.8	31.8	72.3	72.4	4.9	4.9	13.0	4.9	4					
						7.4	0.7	224	25.8		7.8		31.8		72.5		4.9		12.6		4					
C2	Cloudy	Moderate	14:22	11.6	Surface	1.0	0.4	172	27.0	27.1	8.0	8.0	12.0	12.0	91.0	91.0	6.8	6.3	3.2	2.8	3	3	825661	806927		
						1.0	0.5	167	27.1		8.0		12.0		90.9		6.8		3.1		3					
					Middle	5.8	0.5	177	27.1	27.1	8.0	8.0	20.2	20.4	82.3	82.4	5.8	5.4	1.3	5.4	4.0				5.4	3
						5.8	0.5	177	27.1		8.0		20.6		82.5		5.8		1.5		4					
					Bottom	10.6	0.5	188	26.7	26.7	8.0	8.0	27.6	27.7	77.9	78.0	5.4	5.4	4.0	5.4	4.0				5.4	3
						10.6	0.5	182	26.7		8.0		27.7		78.1		5.4		4.0		4					
C3	Misty	Moderate	15:19	10.0	Surface	1.0	0.5	73	27.1	27.1	8.0	8.0	16.7	16.7	107.9	108.0	7.8	7.9	1.1	1.9	<2	2	822087	817821		
						1.0	0.5	68	27.1		8.0		16.8		108.0		7.8		1.1		<2					
					Middle	5.0	0.5	53	27.0	27.0	8.0	8.0	17.1	17.2	108.9	109.1	7.9	8.1	1.9	8.1	2.7				8.1	2
						5.0	0.5	52	27.0		8.0		17.2		109.2		7.9		1.9		2					
					Bottom	9.0	0.5	70	27.0	27.0	8.1	8.1	17.4	17.4	111.7	112.0	8.1	8.1	2.7	8.1	2.8				8.1	3
						9.0	0.6	76	27.0		8.1		17.3		112.3		8.1		2.8		2					
IM1	Cloudy	Moderate	15:38	7.0	Surface	1.0	0.4	192	27.0	27.0	8.0	8.0	12.4	12.4	93.5	93.4	7.0	6.5	3.1	8.0	4	5	818333	806460		
						1.0	0.5	197	27.0		8.1		12.4		93.3		6.9		3.2		4					
					Middle	3.5	0.4	202	26.3	26.3	8.1	8.1	18.1	19.2	82.3	82.2	5.9	5.0	9.0	5.0	5					
						3.5	0.4	199	26.3		8.1		20.4		82.1		6.0		9.6		4					
					Bottom	6.0	0.4	210	25.8	25.8	8.0	7.9	30.4	30.4	72.0	72.3	4.9	5.0	11.3	5.0	6					
						6.0	0.5	209	25.8		7.9		30.4		72.5		5.0		11.5		5					
IM2	Cloudy	Moderate	15:30	6.9	Surface	1.0	0.5	189	27.2	27.2	8.1	8.1	12.4	12.4	95.1	95.0	7.0	6.6	2.7	5.4	5	5	819181	806240		
						1.0	0.5	184	27.2		8.1		12.4		94.9		7.0		2.8		4					
					Middle	3.5	0.5	202	26.8	26.9	8.2	8.2	18.0	18.0	85.6	85.7	6.2	5.1	5.0	5.1	4					
						3.5	0.4	202	26.9		8.2		18.0		85.7		6.2		5.1		5					
					Bottom	5.9	0.5	179	25.8	25.8	8.2	8.2	30.3	30.3	74.5	74.7	5.1	5.1	8.1	5.1	5					
						5.9	0.5	177	25.8		8.2		30.3		74.8		5.1		8.5		5					
IM7	Cloudy	Moderate	15:10	8.8	Surface	1.0	0.3	164	27.1	27.1	8.1	8.1	13.0	13.1	88.3	88.2	6.5	6.1	2.3	8.0	5	4	821370	806824		
						1.0	0.3	164	27.1		8.1		13.2		88.0		6.5		2.3		5					
					Middle	4.4	0.4	185	26.8	26.8	8.2	8.2	18.0	18.0	78.5	78.4	5.7	4.8	6.3	4.8	4					
						4.4	0.4	180	26.7		8.2		18.1		78.2		5.7		7.0		4					
					Bottom	7.8	0.3	163	26.2	26.2	8.2	8.2	26.7	26.7	68.8	69.0	4.8	4.8	14.8	4.8	4					
						7.8	0.3	167	26.2		8.2		26.7		69.1		4.8		15.6		4					

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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 04 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)								
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA										
IM10	Misty	Moderate	14:21	8.6	Surface	1.0	0.5	117	26.9	26.9	8.0	8.0	15.0	15.1	97.0	96.8	7.1	6.9	3.6	4.4	2	3	822218	809857								
						1.0	0.4	110	26.9		8.0		15.1		96.6		7.1		3.6		3											
					Middle	4.3	0.6	90	26.8	26.8	8.0	8.0	15.8	15.8	90.8	90.8	6.6	6.2	4.2	6.2	3											
						4.3	0.6	96	26.8		8.0		15.8		90.8		6.6		4.2		3											
					Bottom	7.6	0.5	123	26.7	26.7	8.0	8.0	20.0	19.9	86.7	86.8	6.2	6.2	5.3	6.2	3											
						7.6	0.5	124	26.7		8.1		19.8		86.9		6.2		5.4		4											
					IM11	Misty	Moderate	14:26	7.2	Surface	1.0	0.6	84	26.8	26.8	8.0	8.0	15.9	15.7	94.5	94.1				6.9	6.8	1.7	2.5	2	3	821489	810533
											1.0	0.6	90	26.8		8.0		15.5		93.6					6.9		1.6		3			
Middle	3.6	0.6	107	26.7						26.7	8.0	8.0	20.3	20.3	93.8	94.7	6.7	6.8	2.3	7.7	3											
	3.6	0.6	108	26.7							8.0		20.4		95.5		6.8		2.3		3											
Bottom	6.2	0.7	102	26.7						26.7	8.0	8.0	20.3	20.3	107.4	107.4	7.7	7.7	3.7	7.7	3											
	6.2	0.7	109	26.7							8.0		20.3		107.4		7.7		3.7		4											
IM12	Misty	Moderate	14:31	7.0						Surface	1.0	0.7	110	27.1	27.1	8.0	8.0	15.3	15.3	105.5	105.6	7.7	7.8	1.0	1.4	2	3	821160	811521			
											1.0	0.7	106	27.1		8.0		15.4		105.7		7.7		1.0		3						
					Middle	3.5	0.7	115	27.0	27.0	8.0	8.0	15.8	15.8	106.5	106.5	7.8	8.0	1.2	8.0	3											
						3.5	0.7	120	27.0		8.0		15.8		106.5		7.8		1.2		3											
					Bottom	6.0	0.7	104	27.0	27.0	8.0	8.0	16.8	16.9	108.4	109.9	7.8	8.1	2.1	8.0	2											
						6.0	0.7	106	27.0		8.0		17.0		111.4		8.1		2.2		3											
					SR1A	Misty	Moderate	14:51	4.8	Surface	1.0	0.0	115	26.9	26.9	8.0	8.0	15.0	15.0	97.5	97.1	7.2	7.2	4.2	4.7	3				3	819972	812654
											1.0	0.0	117	26.8		8.0		15.1		96.6		7.1		4.1		3						
Middle	2.4	0.1	101	-						-	-	-	-	-	-	-	-	-	-	-	-											
	2.4	0.1	103	-							-		-		-		-		-		-	-										
Bottom	3.8	0.0	125	26.7						26.7	8.0	8.0	19.7	19.7	91.8	91.9	6.6	6.6	5.4	6.6	2											
	3.8	0.1	121	26.7							8.0		19.8		91.9		6.6		5.3		2											
SR2	Misty	Moderate	15:02	4.2						Surface	1.0	0.6	60	27.6	27.6	8.1	8.1	14.3	14.3	116.4	116.4	8.5	8.5	1.8	2.6	2	2	821450	814168			
											1.0	0.6	65	27.6		8.1		14.3		116.4		8.5		1.8		2						
					Middle	-	0.6	33	-	-	-	-	-	-	-	-	-	-	-	-	-											
						-	0.6	37	-		-		-		-		-		-		-											
					Bottom	3.2	0.6	52	27.5	27.5	8.1	8.1	14.3	14.3	126.3	127.0	9.2	9.3	3.4	9.3	<2											
						3.2	0.6	51	27.5		8.2		14.3		127.7		9.3		3.3		<2											
					SR3	Cloudy	Moderate	15:03	9.1	Surface	1.0	0.6	168	27.5	27.5	8.3	8.3	14.3	14.3	92.0	92.0	6.7	6.2	2.3	5.5	2				3	822145	807576
											1.0	0.6	168	27.5		8.3		14.3		91.9		6.7		2.3		3						
Middle	4.6	0.6	146	27.1						27.1	8.3	8.3	19.4	19.4	79.0	79.0	5.6	5.6	4.1	5.6	4											
	4.6	0.6	141	27.1							8.3		19.4		79.0		5.6		4.1		3											
Bottom	8.1	0.6	166	26.9						26.9	8.2	8.2	23.2	23.2	79.4	79.4	5.6	5.6	10.3	5.6	4											
	8.1	0.6	172	26.9							8.2		23.2		79.4		5.6		10.3		3											
SR4A	Cloudy	Moderate	16:17	8.4						Surface	1.0	0.0	11	27.3	27.3	7.8	7.8	12.7	12.7	95.9	95.8	7.1	6.2	6.6	9.7	4	4	817184	807792			
											1.0	0.0	17	27.3		7.8		12.7		95.7		7.1		6.9		4						
					Middle	4.2	-	17	26.2	26.2	7.9	7.9	24.3	24.3	73.3	73.3	5.2	5.2	11.8	5.2	4											
						4.2	0.0	21	26.2		7.9		24.3		73.3		5.2		11.2		4											
					Bottom	7.4	0.0	356	26.2	26.2	7.9	7.9	26.7	26.7	74.6	74.8	5.2	5.2	10.8	5.2	4											
						7.4	0.1	357	26.2		7.9		26.7		74.9		5.2		10.8		4											
					SR8	Misty	Moderate	14:35	5.2	Surface	1.0	-	-	27.7	27.6	8.0	8.0	15.2	15.2	111.6	111.9	8.1	8.1	2.6	3.3	2				2	820373	811605
											1.0	-	-	27.5		8.0		15.2		112.2		8.1		2.6		2						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-											
	-	-	-	-							-		-		-		-		-		-											
Bottom	4.2	-	-	27.2						27.2	8.1	8.1	15.4	15.4	121.4	121.4	8.8	8.8	3.9	8.8	2											
	4.2	-	-	27.2							8.1		15.4		121.4		8.8		3.9		2											

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Water Quality Monitoring

Water Quality Monitoring Results on 04 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	08:46	8.0	Surface	1.0	0.3	27	26.6	26.5	8.0	8.0	11.4	11.7	89.7	85.2	6.8	5.9	4.9	7.4	3	4	815609	804229
						1.0	0.3	31	26.4		8.0	8.0	12.0	11.7	80.6	85.2	6.0		5.5					
					Middle	4.0	0.3	52	26.3	26.3	8.0	8.0	23.1	23.2	76.5	76.3	5.4	5.3	5.2	3				
						4.0	0.4	47	26.2		8.0	8.0	23.3		23.2		76.1		76.3	5.4	5.3			
					Bottom	7.0	0.3	22	25.9	25.9	8.0	8.0	29.2	29.2	75.9	76.2	5.2	5.3	11.9	4				
						7.0	0.4	18	25.9		8.0	8.0	29.2		29.2		76.4		76.2	5.3	11.7			
C2	Cloudy	Moderate	09:47	11.1	Surface	1.0	0.4	342	27.1	27.1	8.1	8.1	11.6	11.5	92.9	92.9	6.9	6.4	3.7	2.7	4	4	825700	806948
						1.0	0.4	341	27.1		8.2	8.1	11.5	11.5	92.8	92.9	6.9		3.5					
					Middle	5.6	0.4	339	27.3	27.3	8.2	8.2	21.1	21.1	82.2	82.4	5.8	5.8	1.3	4				
						5.6	0.5	336	27.3		8.2	8.2	21.1		21.1		82.6		82.4	5.8	1.4			
					Bottom	10.1	0.5	355	26.9	26.9	8.1	8.1	24.5	24.5	78.1	78.2	5.5	5.5	3.0	4				
						10.1	0.5	353	26.9		8.0	8.1	24.6		24.5		78.2		78.2	5.4	3.3			
C3	Misty	Moderate	07:51	9.0	Surface	1.0	0.4	256	26.6	26.6	7.9	7.9	13.5	13.5	98.8	98.8	7.4	6.9	2.0	2.3	2	2	822094	817807
						1.0	0.4	253	26.6		7.9	7.9	13.5	13.5	98.8	98.8	7.4		2.0					
					Middle	4.5	0.4	262	26.2	26.2	7.8	7.8	23.1	23.1	88.9	88.8	6.3	6.3	2.2	2				
						4.5	0.3	255	26.1		7.8	7.8	23.1		23.1		88.7		88.8	6.3	2.2			
					Bottom	8.0	0.4	268	25.8	25.8	7.8	7.8	28.3	28.1	92.3	93.0	6.4	6.5	2.7	3				
						8.0	0.5	265	25.8		7.8	7.8	28.0		28.1		93.7		93.0	6.5	2.7			
IM1	Cloudy	Moderate	08:57	6.9	Surface	1.0	0.3	5	26.7	26.7	8.0	8.0	12.3	12.3	91.7	91.7	6.9	6.9	3.5	6.4	3	3	818351	806477
						1.0	0.3	5	26.7		8.0	8.0	12.3	12.3	91.7	91.7	6.9		3.5					
					Middle	3.5	0.3	22	26.7	26.8	8.0	8.0	12.5	12.5	91.5	91.5	6.8	6.8	3.4	3				
						3.5	0.3	28	26.8		8.0	8.0	12.5		12.5		91.5		91.5	6.8	3.2			
					Bottom	5.9	0.3	34	26.8	26.8	8.0	8.0	13.3	13.3	91.3	91.1	6.8	6.8	12.4	3				
						5.9	0.4	31	26.8		8.0	8.0	13.3		13.3		90.9		91.1	6.8	12.3			
IM2	Cloudy	Moderate	09:03	7.2	Surface	1.0	0.3	23	26.8	26.8	8.0	8.0	12.3	12.3	92.3	92.2	6.9	6.8	3.0	3.1	4	3	819176	806257
						1.0	0.3	23	26.8		8.0	8.0	12.3	12.3	92.1	92.2	6.9		3.0					
					Middle	3.6	0.3	1	26.8	26.8	8.0	8.0	12.4	12.3	90.2	90.1	6.7	6.7	3.1	3				
						3.6	0.3	0	26.8		8.0	8.0	12.3		12.3		90.0		90.1	6.7	2.9			
					Bottom	6.2	0.3	7	26.7	26.7	8.0	8.0	13.9	14.0	87.8	87.6	6.5	6.5	3.4	2				
						6.2	0.3	1	26.7		8.0	8.0	14.0		14.0		87.3		87.6	6.5	3.6			
IM7	Cloudy	Moderate	09:23	7.8	Surface	1.0	0.2	358	27.2	27.2	8.0	8.0	14.0	14.0	91.2	91.1	6.7	6.6	2.6	2.2	3	3	821329	806852
						1.0	0.2	355	27.2		8.0	8.0	14.0	14.0	90.9	91.1	6.7		2.6					
					Middle	3.9	0.2	338	27.2	27.2	8.0	8.0	15.0	15.0	87.8	87.7	6.4	6.4	2.0	4				
						3.9	0.2	340	27.2		8.0	8.0	15.0		15.0		87.6		87.7	6.4	1.9			
					Bottom	6.8	0.2	349	27.0	27.0	8.0	8.0	18.8	19.8	77.9	78.0	5.6	5.6	2.0	3				
						6.8	0.1	347	27.0		8.0	8.0	20.8		19.8		78.0		78.0	5.5	2.1			

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 04 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA					
IM10	Misty	Moderate	09:12	8.0	Surface	1.0	0.4	286	27.1	27.1	8.0	8.0	14.2	14.2	105.5	105.5	7.8	7.8	1.0	1.5	3	3	822222	809845			
						1.0	0.5	278	27.1		8.0	8.0	14.2	14.2	105.5	105.5	7.8		1.1								
					Middle	4.0	0.4	294	27.0	27.0	8.0	8.0	15.3	15.3	106.4	106.7	7.8	1.1	3								
						4.0	0.4	290	27.0		8.0	8.0	15.3	15.3	106.9	106.7	7.8	1.1	3								
					Bottom	7.0	0.4	318	26.9	26.9	8.0	8.0	17.7	17.6	111.9	113.4	8.1	2.2	2								
						7.0	0.4	314	26.9		8.0	8.0	17.6	17.6	114.8	113.4	8.3	2.2	2								
IM11	Misty	Moderate	09:07	8.2	Surface	1.0	0.5	290	26.8	26.8	8.0	8.0	15.6	15.6	100.1	99.9	7.3	7.0	2.1	3.3	3	3	821483	810554			
						1.0	0.5	284	26.7		8.0	8.0	15.6	15.6	99.7	99.9	7.3		2.1								
					Middle	4.1	0.5	279	26.6	26.6	8.0	8.0	19.6	19.8	93.9	93.9	6.7	3.1	3								
						4.1	0.5	273	26.6		8.0	8.0	20.0	19.8	93.8	93.9	6.7	3.2	2								
					Bottom	7.2	0.5	269	26.6	26.7	8.0	8.0	22.3	22.2	97.2	100.1	6.9	4.6	2								
						7.2	0.5	265	26.7		8.0	8.0	22.2	22.2	103.0	100.1	7.3	4.7	3								
IM12	Misty	Moderate	08:48	9.4	Surface	1.0	0.5	276	26.8	26.8	8.0	8.0	13.8	13.8	102.1	102.1	7.6	7.0	2.4	3.3	4	3	821173	811533			
						1.0	0.5	275	26.8		8.0	8.0	13.8	13.8	102.1	102.1	7.6		2.4								
					Middle	4.7	0.5	277	26.3	26.3	8.0	8.0	24.3	24.4	91.5	92.1	6.4	3.1	3								
						4.7	0.5	277	26.3		8.0	8.0	24.5	24.4	92.7	92.1	6.5	3.1	3								
					Bottom	8.4	0.5	282	26.2	26.2	8.0	8.0	25.3	25.3	101.2	102.0	7.1	4.4	3								
						8.4	0.5	275	26.2		8.0	8.0	25.3	25.3	102.8	102.0	7.2	4.3	2								
SR1A	Misty	Moderate	08:26	5.4	Surface	1.0	0.0	193	26.9	26.9	7.9	7.9	13.6	13.6	95.8	95.4	7.1	7.1	5.6	6.0	<2	2	819979	812656			
						1.0	0.0	200	26.9		7.9	7.9	13.6	13.6	94.9	95.4	7.0		5.5								
					Middle	2.7	0.0	186	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						2.7	0.0	185	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	4.4	-	176	26.8	26.8	7.9	7.9	19.4	19.4	88.3	88.4	6.3	6.4	2								
						4.4	0.0	181	26.8		7.9	7.9	19.4	19.4	88.5	88.4	6.4	6.4	2								
SR2	Misty	Moderate	08:14	5.0	Surface	1.0	0.1	261	26.7	26.7	8.0	8.0	16.8	17.0	94.6	94.6	6.9	6.9	2.1	2.3	<2	2	821486	814162			
						1.0	0.1	254	26.7		8.0	8.0	17.2	17.0	94.5	94.6	6.9		2.2								
					Middle	-	0.1	261	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						-	0.1	260	-		-	-	-	-	-	-	-	-	-	-	-				-	-	
					Bottom	4.0	0.1	282	26.7	26.7	8.0	8.0	19.7	19.7	94.8	94.9	6.8	2.6	2								
						4.0	0.1	284	26.7		8.0	8.0	19.7	19.7	95.0	94.9	6.8	2.5	2								
SR3	Cloudy	Moderate	09:29	8.9	Surface	1.0	0.2	340	27.1	27.1	8.1	8.1	13.7	13.8	90.0	90.0	6.6	6.4	3.3	3.3	3	3	822155	807579			
						1.0	0.3	343	27.1		8.1	8.1	13.8	13.8	89.9	90.0	6.6		3.2								
					Middle	4.5	0.3	337	27.4	27.4	8.1	8.1	15.4	16.3	84.5	84.5	6.1	1.3	3								
						4.5	0.3	343	27.3		8.1	8.1	17.2	17.2	84.4	84.5	6.1	1.4	4								
					Bottom	7.9	0.3	349	27.0	27.0	8.1	8.1	19.4	20.2	76.7	76.7	5.5	5.0	3								
						7.9	0.2	351	27.0		8.1	8.1	21.0	20.2	76.6	76.7	5.4	5.4	3								
SR4A	Cloudy	Moderate	08:28	8.9	Surface	1.0	0.0	139	27.2	27.2	8.0	8.0	13.4	13.4	94.1	94.0	6.9	6.7	1.7	3.5	3	3	817173	807790			
						1.0	0.0	144	27.2		8.0	8.0	13.3	13.4	93.9	94.0	6.9		1.8								
					Middle	4.5	0.0	149	27.1	27.1	8.0	8.0	14.9	14.9	87.1	87.0	6.4	2.7	3								
						4.5	0.1	144	27.0		8.0	8.0	14.9	14.9	86.9	87.0	6.4	3.0	3								
					Bottom	7.9	0.0	126	26.4	26.4	8.0	8.0	23.1	24.1	66.5	66.7	4.7	6.0	3								
						7.9	0.1	125	26.4		8.0	8.0	25.1	24.1	66.9	66.7	4.7	5.9	3								
SR8	Misty	Moderate	08:44	5.2	Surface	1.0	-	-	26.8	26.8	8.0	8.0	16.9	16.8	103.0	103.2	7.5	7.5	4.3	4.7	3	3	820366	811635			
						1.0	-	-	26.8		8.0	8.0	16.7	16.8	103.4	103.2	7.5		4.3								
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
						-	-	-	-		-	-	-	-	-	-	-	-	-	-	-						
					Bottom	4.2	-	-	26.6	26.6	8.0	8.0	21.9	21.9	116.4	116.4	8.3	5.0	2								
						4.2	-	-	26.6		8.0	8.0	21.9	21.9	116.4	116.4	8.3	5.0	2								

DA: Depth-Averaged

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Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 07 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	17:56	8.1	Surface	1.0	0.5	216	<u>27.1</u>	27.1	8.1	8.1	9.6	9.6	<u>108.9</u>	108.6	8.2	6.7	4.6	5.5	4	4	815642	804236
						1.0	0.5	218	27.1		8.1	8.1	9.6	9.6	<u>108.2</u>	108.6	8.2		4.6		4			
					Middle	4.1	0.5	206	<u>25.3</u>	25.3	7.9	7.9	<u>30.8</u>	30.9	<u>73.6</u>	73.6	5.1	5.1	4.3	5.1	4			
						4.1	0.5	212	25.3		7.9	7.9	<u>30.9</u>	30.9	<u>73.6</u>	73.6	5.1		4.3		4			
					Bottom	7.1	0.4	186	<u>25.2</u>	25.2	7.9	7.9	<u>33.6</u>	33.6	<u>74.2</u>	74.4	5.1	5.1	7.2	5.1	4			
						7.1	0.4	185	25.2		7.9	7.9	<u>33.6</u>	33.6	<u>74.6</u>	74.4	5.1		7.7		4			
C2	Cloudy	Moderate	16:39	10.7	Surface	1.0	0.3	181	<u>27.3</u>	27.3	8.0	8.0	10.9	10.9	<u>98.6</u>	98.6	7.4	6.5	4.3	3.9	5	6	825659	806951
						1.0	0.3	174	27.3		8.0	8.0	11.0	10.9	<u>98.5</u>	98.6	7.4		4.3		6			
					Middle	5.4	0.3	184	<u>26.4</u>	26.4	7.9	7.9	<u>24.0</u>	24.0	<u>79.1</u>	79.2	5.6	5.6	2.4	5.6	5			
						5.4	0.3	184	26.4		7.9	7.9	<u>24.0</u>	24.0	<u>79.2</u>	79.2	5.6		2.4		6			
					Bottom	9.7	0.4	174	<u>26.1</u>	26.1	7.9	7.9	<u>27.5</u>	27.5	<u>75.1</u>	75.2	5.2	5.2	5.0	5.2	6			
						9.7	0.4	176	26.0		7.9	7.9	<u>27.6</u>	27.5	<u>75.2</u>	75.2	5.2		5.1		6			
C3	Misty	Moderate	18:05	10.0	Surface	1.0	0.4	58	<u>26.6</u>	26.6	8.1	8.1	11.6	11.7	<u>95.2</u>	94.7	7.2	6.8	1.3	2.1	2	3	822096	817791
						1.0	0.4	59	26.5		8.1	8.1	11.7	11.7	<u>94.1</u>	94.7	7.1		1.2		3			
					Middle	5.0	0.4	65	<u>26.5</u>	26.5	8.0	8.0	<u>18.2</u>	17.9	<u>88.9</u>	89.0	6.5	6.5	2.1	6.5	3			
						5.0	0.4	58	26.5		8.0	8.0	<u>17.6</u>	17.9	<u>89.0</u>	89.0	6.5		2.1		3			
					Bottom	9.0	0.4	73	<u>26.5</u>	26.5	8.0	8.0	<u>21.5</u>	21.1	<u>90.6</u>	91.3	6.5	6.6	3.0	6.6	4			
						9.0	0.3	73	26.5		8.0	8.0	<u>20.7</u>	21.1	<u>91.9</u>	91.3	6.6		3.0		3			
IM1	Cloudy	Moderate	17:40	6.6	Surface	1.0	0.2	189	<u>27.4</u>	27.4	8.2	8.2	9.2	9.2	<u>115.7</u>	115.6	8.7	6.9	4.6	7.2	5	4	818365	806457
						1.0	0.3	187	27.4		8.2	8.2	9.2	9.2	<u>115.5</u>	115.6	8.7		4.6		5			
					Middle	3.3	0.3	190	<u>25.8</u>	25.8	7.9	7.9	<u>26.3</u>	26.3	<u>71.4</u>	71.3	5.0	5.0	7.8	5.0	4			
						3.3	0.3	196	25.8		7.9	7.9	<u>26.3</u>	26.3	<u>71.2</u>	71.3	5.0		8.0		4			
					Bottom	5.6	0.3	203	<u>25.5</u>	25.5	7.9	7.9	<u>30.0</u>	30.0	<u>67.9</u>	68.0	4.7	4.7	8.8	4.7	4			
						5.6	0.3	196	25.5		7.9	7.9	<u>30.0</u>	30.0	<u>68.0</u>	68.0	4.7		9.0		4			
IM2	Cloudy	Moderate	17:33	6.7	Surface	1.0	0.3	208	<u>27.4</u>	27.4	8.2	8.2	9.6	9.6	<u>113.5</u>	113.3	8.5	7.6	4.4	7.0	4	4	819179	806212
						1.0	0.3	200	27.3		8.2	8.2	9.6	9.6	<u>113.1</u>	113.3	8.5		4.4		4			
					Middle	3.4	0.3	187	<u>26.4</u>	26.4	7.9	7.9	<u>17.6</u>	17.2	<u>90.1</u>	90.6	6.6	6.6	4.9	6.6	4			
						3.4	0.3	182	26.3		7.9	7.9	<u>16.9</u>	17.2	<u>91.1</u>	90.6	6.7		4.9		4			
					Bottom	5.7	0.2	210	<u>25.5</u>	25.5	7.9	7.9	<u>29.8</u>	29.8	<u>68.6</u>	68.7	4.7	4.8	12.0	4.8	4			
						5.7	0.3	207	25.5		7.9	7.9	<u>29.9</u>	29.8	<u>68.8</u>	68.7	4.8		11.6		4			
IM7	Cloudy	Moderate	17:08	7.7	Surface	1.0	0.3	187	<u>27.4</u>	27.4	8.1	8.1	10.7	10.7	<u>105.4</u>	105.4	7.9	6.9	3.8	5.4	4	4	821346	806835
						1.0	0.3	194	27.4		8.1	8.1	10.7	10.7	<u>105.4</u>	105.4	7.9		3.8		4			
					Middle	3.9	0.3	190	<u>27.0</u>	27.0	7.9	7.9	<u>18.6</u>	17.8	<u>82.4</u>	82.3	5.9	5.9	4.8	5.9	4			
						3.9	0.3	186	27.0		7.9	7.9	<u>17.1</u>	17.8	<u>82.1</u>	82.3	6.0		5.1		4			
					Bottom	6.7	0.3	191	<u>25.8</u>	25.8	7.8	7.8	<u>28.2</u>	28.3	<u>66.4</u>	66.7	4.6	4.6	7.5	4.6	3			
						6.7	0.3	192	25.7		7.8	7.8	<u>28.4</u>	28.3	<u>66.9</u>	66.7	4.6		7.6		4			

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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 07 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Misty	Moderate	16:43	8.2	Surface	1.0	0.4	115	26.7	26.7	8.0	8.0	12.4	12.4	91.6	91.2	6.9	6.5	1.0	2.3	4	5	822244	809854		
						1.0	0.4	117	26.7		8.0		12.3		90.7		6.8		1.0		4					
					Middle	4.1	0.4	116	26.6	26.6	8.0	8.0	16.4	16.4	83.3	83.3	6.1	6.2	2.1	6.2	3.8				6.2	4
						4.1	0.4	115	26.6		8.0		16.3		83.3		6.1		2.2		5					
					Bottom	7.2	0.4	125	26.7	26.7	8.0	8.0	19.1	19.0	84.8	85.1	6.1	6.2	3.8	6.2	3.9				6.2	5
						7.2	0.4	117	26.7		8.0		18.8		85.4		6.2		3.9		5					
IM11	Misty	Moderate	17:03	7.2	Surface	1.0	0.5	105	26.6	26.6	8.0	8.0	12.0	11.9	90.6	90.4	6.8	6.3	1.0	1.6	3	3	821508	810544		
						1.0	0.5	98	26.6		8.1		11.9		90.1		6.8		1.0		3					
					Middle	3.6	0.5	105	26.7	26.7	8.0	7.9	16.9	16.9	78.5	78.3	5.7	5.9	1.6	5.9	2.3				5.9	3
						3.6	0.5	101	26.7		7.9		16.9		78.0		5.7		1.7		2					
					Bottom	6.2	0.4	112	26.8	26.9	7.9	7.9	21.4	21.3	80.4	82.6	5.7	6.0	2.3	6.0	2.3				6.0	3
						6.2	0.5	112	26.9		7.9		21.3		84.7		6.0		2.3		2					
IM12	Misty	Moderate	17:09	7.0	Surface	1.0	0.5	112	26.8	26.8	8.1	8.1	11.1	11.2	97.4	96.8	7.3	6.9	1.2	2.4	2	2	821158	811528		
						1.0	0.6	114	26.8		8.1		11.2		96.2		7.2		1.1		2					
					Middle	3.5	0.6	112	26.6	26.6	8.0	8.0	15.1	15.1	86.4	88.2	6.4	6.7	2.7	6.7	2.6				6.7	2
						3.5	0.6	118	26.6		8.0		15.2		89.9		6.6		2.6		3					
					Bottom	6.0	0.6	87	26.5	26.6	8.0	8.0	18.8	18.7	91.8	92.3	6.6	6.7	3.4	6.7	3.4				6.7	3
						6.0	0.5	85	26.6		8.0		18.6		92.8		6.7		3.4		2					
SR1A	Misty	Moderate	17:32	4.8	Surface	1.0	0.0	107	27.4	27.4	8.1	8.1	10.6	10.6	100.1	99.4	7.5	7.5	2.1	2.3	3	3	819976	812664		
						1.0	0.0	110	27.3		8.1		10.6		98.6		7.4		2.0		2					
					Middle	2.4	-	115	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						2.4	0.0	113	-		-		-		-		-		-		-					-
					Bottom	3.8	-	91	26.7	26.7	7.9	7.9	17.0	16.8	92.2	93.6	6.7	6.8	2.6	6.8	2.7				6.8	3
						3.8	0.0	88	26.7		7.9		16.6		94.9		6.9		2.7		3					
SR2	Misty	Moderate	17:45	4.0	Surface	1.0	0.5	49	27.1	27.1	8.1	8.1	11.5	11.5	101.6	100.0	7.6	7.5	2.1	2.4	3	3	821478	814180		
						1.0	0.5	41	27.0		8.1		11.5		98.4		7.4		2.1		4					
					Middle	-	0.5	41	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	0.4	42	-		-		-		-		-		-		-					
					Bottom	3.0	0.5	58	26.9	26.9	8.1	8.1	13.6	13.5	98.0	98.0	7.3	7.3	2.8	7.3	2.7				7.3	3
						3.0	0.5	52	26.9		8.1		13.3		97.9		7.3		2.7		3					
SR3	Cloudy	Moderate	17:00	8.7	Surface	1.0	0.4	163	27.4	27.4	8.0	8.0	10.5	10.5	105.6	105.5	7.9	7.2	4.3	6.1	4	4	822143	807578		
						1.0	0.5	166	27.4		8.0		10.5		105.4		7.9		4.2		4					
					Middle	4.4	0.4	152	26.6	26.6	7.9	7.9	14.9	14.9	87.8	87.6	6.5	5.1	3.3	5.1	4.7				5.1	4
						4.4	0.4	152	26.6		7.9		15.0		87.3		6.5		3.4		4					
					Bottom	7.7	0.4	187	26.4	26.4	7.8	7.8	25.8	25.8	70.2	72.3	4.9	4.5	10.7	4.5	10.6				4.5	5
						7.7	0.4	186	26.4		7.8		25.8		74.4		5.2		10.6		5					
SR4A	Cloudy	Moderate	18:15	9.2	Surface	1.0	0.0	356	27.3	27.4	8.1	8.1	11.3	11.3	107.7	107.7	8.0	6.3	6.5	10.3	5	5	817202	807816		
						1.0	0.1	3	27.4		8.2		11.3		107.6		8.0		7.2		6					
					Middle	4.6	0.0	4	25.9	25.9	7.8	7.8	26.6	26.6	64.8	64.8	4.5	4.5	10.6	4.5	10.6				4.5	5
						4.6	0.0	7	25.9		7.8		26.6		64.8		4.5		10.6		5					
					Bottom	8.2	0.0	9	25.7	25.7	7.8	7.8	28.5	28.5	64.6	64.9	4.5	4.5	13.4	4.5	13.7				4.5	5
						8.2	0.0	5	25.7		7.8		28.5		65.1		4.5		13.7		5					
SR8	Misty	Moderate	17:14	5.2	Surface	1.0	-	-	27.0	27.0	8.0	8.0	11.7	11.7	94.7	94.5	7.1	7.1	1.8	2.0	3	4	820378	811641		
						1.0	-	-	27.0		8.0		11.7		94.3		7.1		1.8		4					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	-	-	-		-		-		-		-		-		-					
					Bottom	4.2	-	-	26.8	26.8	8.0	8.0	15.8	15.7	95.1	95.4	7.0	7.0	2.3	7.0	2.2				7.0	4
						4.2	-	-	26.8		8.0		15.6		95.6		7.0		2.2		4					

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 07 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C1	Cloudy	Moderate	05:44	8.0	Surface	1.0	0.0	205	27.1	27.1	8.1	8.1	9.6	9.6	105.9	105.8	8.0	7.1	4.3	8.3	6	5	815603	804263		
						1.0	0.1	210	27.1		8.1		9.6		105.6		8.0		4.4		5					
					Middle	4.0	0.0	217	26.5	26.5	8.0	8.0	16.4	16.4	85.0	85.0	6.2	5.6	10.0	5.6	10.0				5.6	5
						4.0	0.1	214	26.5		8.0		16.4		85.0		6.2		10.0		5					
					Bottom	7.0	0.0	219	26.1	26.1	7.9	7.9	20.2	20.4	77.4	77.4	5.6	5.6	10.8	5.6	10.8				5.6	4
						7.0	0.1	225	26.1		7.9		20.7		77.3		5.6		10.2		4					
C2	Cloudy	Moderate	06:50	11.0	Surface	1.0	0.2	172	27.1	27.1	8.0	8.0	10.1	10.1	96.2	96.2	7.2	6.3	4.7	6.5	4	4	825704	806927		
						1.0	0.2	177	27.1		8.0		10.2		96.2		7.2		4.7		4					
					Middle	5.5	0.2	178	26.2	26.2	7.9	7.9	25.8	25.8	75.3	75.3	5.3	5.1	2.3	5.1	2.3				5.1	5
						5.5	0.2	185	26.2		7.9		25.9		75.2		5.3		2.3		4					
					Bottom	10.0	0.2	151	26.0	26.0	7.9	7.9	27.5	27.5	73.1	73.1	5.1	5.1	12.4	5.1	12.4				5.1	4
						10.0	0.2	144	26.0		7.9		27.5		73.1		5.1		12.5		4					
C3	Misty	Moderate	06:27	8.8	Surface	1.0	0.1	77	26.8	26.8	7.9	7.9	10.1	10.1	86.8	86.6	6.6	6.5	1.0	2.1	5	5	822102	817783		
						1.0	0.1	81	26.8		7.9		10.2		86.4		6.5		1.1		4					
					Middle	4.4	0.1	69	26.8	26.8	7.9	7.9	11.4	11.4	84.8	84.6	6.4	6.4	2.0	6.4	2.0				6.4	4
						4.4	0.2	62	26.8		7.9		11.4		84.3		6.3		2.0		5					
					Bottom	7.8	0.2	45	26.9	26.9	7.9	7.9	15.1	15.1	84.7	87.0	6.2	6.4	3.2	6.4	3.2				6.4	5
						7.8	0.1	38	26.9		7.9		15.2		89.2		6.6		3.2		5					
IM1	Cloudy	Moderate	05:53	6.7	Surface	1.0	0.1	163	27.1	27.1	8.1	8.1	9.3	9.3	104.0	103.9	7.9	7.6	4.2	5.8	3	3	818330	806474		
						1.0	0.1	168	27.1		8.1		9.3		103.7		7.8		4.2		3					
					Middle	3.4	0.1	150	26.9	26.9	8.0	8.0	10.4	10.4	98.3	98.0	7.4	7.1	4.2	7.1	4.2				7.1	3
						3.4	0.1	156	26.9		8.0		10.4		97.7		7.4		4.2		3					
					Bottom	5.7	0.1	187	25.7	25.7	7.8	7.8	28.5	28.5	67.5	67.6	4.7	4.7	9.1	4.7	9.1				4.7	4
						5.7	0.1	187	25.7		7.8		28.4		67.7		4.7		9.2		4					
IM2	Cloudy	Moderate	06:00	6.9	Surface	1.0	0.1	186	27.0	27.0	8.0	8.0	9.9	9.9	101.1	101.0	7.6	7.1	4.4	7.4	3	3	819164	806218		
						1.0	0.1	184	27.0		8.0		9.9		100.9		7.6		4.4		3					
					Middle	3.5	0.0	183	26.9	26.9	7.9	7.9	12.1	12.1	88.3	87.8	6.6	4.8	4.6	4.8	4.6				4.8	3
						3.5	0.0	184	26.9		7.9		12.2		87.3		6.5		4.5		3					
					Bottom	5.9	0.1	199	25.6	25.6	7.8	7.8	28.5	28.5	69.7	69.7	4.8	4.8	13.5	4.8	13.5				4.8	3
						5.9	0.0	197	25.7		7.8		28.5		69.7		4.8		13.2		4					
IM7	Cloudy	Moderate	06:25	8.3	Surface	1.0	0.1	141	27.0	27.0	8.0	8.0	10.7	10.7	95.5	95.4	7.2	6.1	4.0	5.3	4	3	821333	806858		
						1.0	0.1	136	27.0		8.0		10.7		95.2		7.2		4.0		3					
					Middle	4.2	0.1	135	26.5	26.5	7.8	7.8	21.6	21.6	69.4	69.4	4.9	4.3	3.6	4.3	3.6				4.3	4
						4.2	0.1	140	26.5		7.8		21.6		69.4		5.0		3.6		3					
					Bottom	7.3	0.1	114	26.1	26.1	7.8	7.8	24.9	24.9	60.8	61.0	4.3	4.3	8.4	4.3	8.4				4.3	3
						7.3	0.1	120	26.1		7.8		24.9		61.1		4.3		8.4		3					

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 07 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Misty	Moderate	07:34	8.0	Surface	1.0	0.1	123	26.5	26.5	8.0	8.0	10.5	10.5	83.2	82.0	6.3	5.9	2.3	3.4	3	4	822260	809850
						1.0	0.2	126	26.4		8.0	8.0	10.4	10.5	80.8	82.0	6.2		2.3					
					Middle	4.0	0.2	119	26.2	26.2	7.9	7.9	19.9	19.9	75.3	75.4	5.5	5.7	4.0	5				
						4.0	0.2	112	26.1		7.9	7.9	19.9	19.9	75.5	75.4	5.5		3.9	4				
					Bottom	7.0	0.2	104	25.7	25.7	7.9	7.9	25.3	25.2	79.0	79.6	5.6	5.7	4.1	5				
						7.0	0.2	102	25.7		7.9	7.9	25.1	25.2	80.2	79.6	5.7		4.0	4				
IM11	Misty	Moderate	07:26	9.4	Surface	1.0	0.2	93	26.3	26.3	8.0	8.0	9.7	9.7	87.7	87.0	6.7	5.9	3.8	4.3	5	4	821487	810522
						1.0	0.2	88	26.2		8.0	8.0	9.8	9.7	86.3	87.0	6.6		3.7					
					Middle	4.7	0.2	78	26.3	26.3	7.9	7.9	20.2	20.5	71.8	71.9	5.2	5.5	4.0	4				
						4.7	0.2	76	26.3		7.9	7.9	20.7	20.5	72.0	71.9	5.2		4.1	4				
					Bottom	8.4	0.3	104	26.7	26.8	7.9	7.9	23.5	23.5	77.1	77.5	5.4	5.5	5.1	4				
						8.4	0.2	106	26.8		7.9	7.9	23.5	23.5	77.8	77.5	5.5		5.1	4				
IM12	Misty	Moderate	07:21	9.2	Surface	1.0	0.2	86	26.6	26.6	8.0	8.0	9.9	9.9	88.8	88.6	6.8	6.0	5.1	6.2	4	4	821179	811504
						1.0	0.2	81	26.5		8.0	8.0	9.9	9.9	88.3	88.6	6.7		5.2					
					Middle	4.6	0.2	87	25.8	25.8	7.9	7.9	20.9	21.1	71.7	71.7	5.2	5.2	6.1	4				
						4.6	0.3	84	25.8		7.9	7.9	21.2	21.1	71.6	71.7	5.2		6.1	4				
					Bottom	8.2	0.3	108	25.5	25.5	7.9	7.9	26.9	26.9	71.7	73.8	5.0	5.2	7.4	4				
						8.2	0.3	104	25.5		7.9	7.9	26.9	26.9	75.9	73.8	5.3		7.5	4				
SR1A	Misty	Moderate	06:58	5.0	Surface	1.0	0.0	146	27.0	27.0	8.0	8.0	9.4	9.4	93.0	92.9	7.0	7.0	1.5	2.2	4	4	819971	812657
						1.0	-	146	27.0		8.0	8.0	9.4	9.4	92.8	92.9	7.0		1.5					
					Middle	2.5	0.0	165	-	-	-	-	-	-	-	-	-	-	-	-				
						2.5	-	165	-		-	-	-	-	-	-	-		-					
					Bottom	4.0	0.0	151	26.9	26.9	8.0	8.0	12.6	12.5	94.2	95.9	7.0	7.2	3.0	4				
						4.0	0.1	151	26.9		8.0	8.0	12.4	12.5	97.5	95.9	7.3		2.9	4				
SR2	Misty	Moderate	06:42	4.2	Surface	1.0	0.2	59	26.9	26.9	7.9	7.9	9.8	9.9	88.7	87.0	6.7	6.6	2.4	3.0	5	4	821484	814177
						1.0	0.2	61	26.9		7.9	7.9	10.0	9.9	85.3	87.0	6.5		2.3					
					Middle	-	0.2	58	-	-	-	-	-	-	-	-	-	-	-	-				
						-	0.3	56	-		-	-	-	-	-	-	-		-					
					Bottom	3.2	0.2	36	26.8	26.8	7.8	7.8	13.1	13.0	85.9	86.1	6.4	6.4	3.7	4				
						3.2	0.3	28	26.8		7.8	7.8	13.0	13.0	86.2	86.1	6.4		3.8	3				
SR3	Cloudy	Moderate	06:32	8.9	Surface	1.0	0.2	135	27.2	27.2	8.0	8.0	9.9	9.9	101.6	101.5	7.6	6.8	4.6	4.5	3	3	822139	807550
						1.0	0.3	128	27.2		8.0	8.0	9.9	9.9	101.4	101.5	7.6		4.6					
					Middle	4.5	0.2	143	26.7	26.7	7.9	7.9	18.7	18.6	82.7	82.7	6.0	5.1	3.5	3				
						4.5	0.2	137	26.6		7.9	7.9	18.5	18.6	82.7	82.7	6.0		3.7	3				
					Bottom	7.9	0.2	124	26.2	26.2	7.8	7.8	26.4	26.4	73.0	73.1	5.1	5.1	5.2	3				
						7.9	0.2	122	26.2		7.8	7.8	26.4	26.4	73.1	73.1	5.1		5.2	4				
SR4A	Cloudy	Moderate	05:22	9.1	Surface	1.0	0.0	109	27.1	27.1	8.1	8.1	11.1	11.1	102.6	102.6	7.7	7.1	4.9	7.5	5	4	817181	807796
						1.0	0.0	116	27.1		8.1	8.1	11.1	11.1	102.5	102.6	7.7		4.9					
					Middle	4.6	0.1	95	27.0	27.0	8.0	8.0	16.4	16.4	88.1	88.1	6.4	4.7	7.7	4				
						4.6	0.0	101	27.0		8.0	8.0	16.4	16.4	88.0	88.1	6.4		7.7	4				
					Bottom	8.1	0.0	123	25.7	25.7	7.9	7.9	28.7	28.7	67.0	67.1	4.7	4.7	9.3	4				
						8.1	0.0	122	25.7		7.9	7.9	28.8	28.7	67.2	67.1	4.7		10.4	4				
SR8	Misty	Moderate	07:15	5.4	Surface	1.0	-	-	27.1	27.1	8.0	8.0	9.8	9.8	92.6	92.6	7.0	7.0	3.8	4.2	3	3	820367	811630
						1.0	-	-	27.1		8.0	8.0	9.8	9.8	92.5	92.6	7.0		3.7					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-	-		-	-	-	-	-	-	-		-					
					Bottom	4.4	-	-	26.9	26.9	7.9	7.9	13.0	13.0	91.6	92.5	6.8	6.9	4.6	3				
						4.4	-	-	26.9		7.9	7.9	13.0	13.0	93.4	92.5	6.9		4.6	3				

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 09 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Rainy	Moderate	09:32	8.7	Surface	1.0	0.4	197	26.2	26.2	8.0	8.0	6.9	6.9	94.3	94.2	7.3	6.3	6.9	7.6	6	6	815622	804244
						1.0	0.3	190	26.2		8.0		6.9		94.0		7.3		6.9					
					Middle	4.4	0.3	209	25.9	25.9	8.0	8.0	21.6	21.6	72.7	72.6	5.2	5.2	5.6					
						4.4	0.3	212	25.8		8.0		21.7		72.5		5.2		5.5					
					Bottom	7.7	0.3	234	25.5	25.5	8.0	8.0	30.4	30.4	66.7	66.7	4.6	4.6	10.3					
						7.7	0.3	239	25.5		8.0		30.4		66.7		4.6		10.3	5				
C2	Cloudy	Moderate	10:47	10.6	Surface	1.0	0.4	169	26.4	26.4	8.0	8.0	14.5	14.6	81.0	81.0	6.0	5.6	5.1	4.1	8	7	825696	806937
						1.0	0.5	162	26.4		8.0		14.7		80.9		6.0		5.1		8			
					Middle	5.3	0.5	174	26.0	26.0	8.0	8.0	25.2	25.2	72.1	72.2	5.1	5.1	3.4					
						5.3	0.5	168	26.0		8.0		25.2		72.2		5.1		3.5	7				
					Bottom	9.6	0.5	152	25.9	25.9	8.0	8.0	28.7	28.7	72.8	72.8	5.0	5.0	3.6					
						9.6	0.4	158	25.9		8.0		28.7		72.8		5.0		3.7	6				
C3	Rainy	Moderate	08:37	8.6	Surface	1.0	0.3	69	25.9	25.9	7.9	7.9	11.2	11.2	84.1	84.1	6.4	6.0	1.1	1.2	3	4	822091	817808
						1.0	0.2	69	25.8		7.9		11.2		84.0		6.4		1.1		3			
					Middle	4.3	0.3	87	25.5	25.5	7.8	7.8	19.8	19.8	76.9	76.8	5.6	5.6	1.1					
						4.3	0.2	88	25.5		7.8		19.9		76.7		5.6		1.2	4				
					Bottom	7.6	0.3	67	25.5	25.5	7.8	7.8	24.7	24.6	76.7	76.8	5.5	5.5	1.3					
						7.6	0.3	68	25.5		7.8		24.6		76.8		5.5		1.3	4				
IM1	Cloudy	Moderate	09:48	6.3	Surface	1.0	0.2	191	26.4	26.4	8.0	8.0	11.7	11.7	86.0	85.9	6.5	5.6	5.6	7.5	5	5	818355	806438
						1.0	0.2	186	26.4		8.0		11.7		85.8		6.5		5.6		4			
					Middle	3.2	0.3	174	25.6	25.6	8.0	8.0	27.0	27.0	65.9	66.0	4.6	4.6	5.5					
						3.2	0.3	176	25.6		8.0		27.0		66.0		4.6		5.5	4				
					Bottom	5.3	0.3	189	25.4	25.4	8.0	7.9	29.8	29.8	64.9	65.1	4.5	4.5	11.3					
						5.3	0.3	190	25.4		7.9		29.8		65.2		4.5		11.7	5				
IM2	Cloudy	Moderate	09:54	6.5	Surface	1.0	0.3	202	26.1	26.1	8.0	8.0	17.5	17.5	78.9	78.9	5.8	5.3	5.4	5.8	3	4	819185	806244
						1.0	0.3	200	26.1		8.0		17.5		78.9		5.8		5.4		4			
					Middle	3.3	0.3	192	25.7	25.7	8.0	8.0	26.3	26.3	66.6	66.7	4.7	4.7	5.0					
						3.3	0.3	190	25.7		8.0		26.4		66.7		4.7		5.0	4				
					Bottom	5.5	0.4	197	25.4	25.5	8.0	8.0	30.1	30.1	68.5	68.6	4.7	4.8	7.1					
						5.5	0.3	189	25.5		8.0		30.1		68.7		4.8		7.2	5				
IM7	Cloudy	Moderate	10:22	7.7	Surface	1.0	0.2	216	26.5	26.5	8.1	8.1	8.8	8.4	91.4	91.5	7.0	6.6	5.5	6.5	5	4	821340	806850
						1.0	0.2	218	26.5		8.1		8.0		91.5		7.0		5.4		4			
					Middle	3.9	0.2	201	26.4	26.4	8.0	8.0	13.7	13.7	81.7	81.8	6.1	6.1	4.5					
						3.9	0.2	203	26.4		8.0		13.7		81.8		6.1		4.5	5				
					Bottom	6.7	0.3	224	25.9	25.9	7.9	7.9	27.1	27.2	62.0	62.0	4.3	4.3	9.3					
						6.7	0.3	217	25.9		7.9		27.2		62.0		4.3		9.7	4				

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 09 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Rainy	Moderate	09:49	7.8	Surface	1.0	0.4	102	25.9	25.9	7.9	7.9	9.6	9.7	79.3	78.9	6.1	5.6	2.4	3.4	4	4	822224	809849		
						1.0	0.3	97	25.9		7.9	7.9	9.8	9.7	78.4	78.9	6.0		2.4		4					
					Middle	3.9	0.3	103	25.9	25.9	7.9	7.9	20.3	20.4	20.3	20.4	72.0	72.3	5.2	5.5	3.2				4.8	4
						3.9	0.3	104	25.9		7.9	7.9	20.4		20.7	72.5	76.4	5.2	3.2		4					
					Bottom	6.8	0.3	110	25.9	26.0	7.9	7.9	20.7	20.7	20.7	20.7	75.2	76.4	5.4	5.5	4.8				4.7	4
						6.8	0.3	103	26.0		7.9	7.9	20.7		20.7	77.5	76.4	5.6	4.7		4					
IM11	Rainy	Moderate	09:43	9.0	Surface	1.0	0.4	94	25.9	25.9	7.9	7.9	12.5	12.6	74.2	73.9	5.6	5.2	2.2	3.5	4	4	821505	810557		
						1.0	0.4	95	25.9		7.9	7.9	12.7	12.6	73.5	73.9	5.6		2.2		4					
					Middle	4.5	0.4	90	25.9	25.9	7.9	7.9	21.4	21.4	21.4	21.4	67.2	67.5	4.8	5.0	3.4				4.9	4
						4.5	0.3	95	25.9		7.9	7.9	21.5		21.4	67.7	70.3	4.9	3.4		4					
					Bottom	8.0	0.4	86	26.0	26.0	7.9	7.9	24.3	24.3	24.3	24.3	69.7	70.3	4.9	5.0	4.9				4.8	4
						8.0	0.3	92	26.0		7.9	7.9	24.2		24.3	70.8	70.3	5.0	4.8		4					
IM12	Rainy	Moderate	09:37	9.4	Surface	1.0	0.4	87	25.9	25.9	7.9	7.9	14.3	14.3	71.2	70.8	5.3	5.0	3.2	4.1	4	4	821161	811506		
						1.0	0.5	92	25.9		7.9	7.9	14.3	14.3	70.4	70.8	5.3		3.2		4					
					Middle	4.7	0.5	102	25.8	25.8	7.9	7.9	20.5	20.5	20.5	20.5	65.3	65.6	4.7	4.8	4.0				4.8	5
						4.7	0.5	98	25.8		7.9	7.9	20.5		20.5	65.8	67.9	4.8	4.1		4					
					Bottom	8.4	0.4	109	25.8	25.8	7.9	7.9	24.5	24.6	24.6	24.6	67.5	67.9	4.8	4.8	5.2				5.1	4
						8.4	0.4	105	25.8		7.9	7.9	24.6		24.6	68.2	67.9	4.8	5.1		5					
SR1A	Rainy	Moderate	09:16	5.2	Surface	1.0	-	123	26.0	26.0	7.9	7.9	10.8	10.8	85.7	85.8	6.5	6.6	2.8	2.9	4	4	819972	812655		
						1.0	0.1	115	26.0		7.9	7.9	10.8	10.8	85.8	85.8	6.6		2.8		5					
					Middle	2.6	0.0	152	-	-	-	-	-	-	-	-	-	-	-	7.0	-				3.1	-
						2.6	0.0	146	-		-	-	-		-	-	-	-	-		-					4
					Bottom	4.2	0.0	125	25.7	25.7	7.9	7.9	12.7	12.6	12.6	12.6	90.4	91.5	6.9	7.0	3.0				3.0	4
						4.2	0.0	126	25.7		7.9	7.9	12.6		12.6	92.5	91.5	7.0	3.0		4					
SR2	Rainy	Moderate	09:01	4.8	Surface	1.0	0.4	47	26.2	26.2	8.0	8.0	8.9	8.9	86.3	86.3	6.6	6.6	2.3	2.9	4	4	821456	814171		
						1.0	0.3	45	26.2		8.0	8.0	9.0	8.9	86.3	86.3	6.6		2.3		5					
					Middle	-	0.3	51	-	-	-	-	-	-	-	-	-	-	-	6.6	-				6.6	-
						-	0.3	57	-		-	-	-		-	-	-	-	-		-					4
					Bottom	3.8	0.3	21	26.3	26.3	7.9	7.9	14.4	14.4	14.4	14.4	88.1	88.1	6.6	6.6	3.5				4.7	4
						3.8	0.4	14	26.3		7.9	7.9	14.4		14.4	88.1	88.1	6.6	3.5		4					
SR3	Cloudy	Moderate	10:29	8.8	Surface	1.0	0.4	164	26.4	26.4	8.0	8.0	11.7	11.7	84.2	84.2	6.4	5.8	4.7	7.9	5	5	822149	807573		
						1.0	0.4	159	26.4		8.0	8.0	11.7	11.7	84.1	84.2	6.3		4.7		5					
					Middle	4.4	0.4	156	26.1	26.1	8.0	8.0	17.1	17.0	17.0	17.0	72.4	72.2	5.3	4.4	6.6				4.4	5
						4.4	0.4	156	26.1		8.0	8.0	16.8		17.0	72.0	72.2	5.3	7.1		5					
					Bottom	7.8	0.5	185	25.8	25.9	7.9	7.9	27.6	27.6	27.6	27.6	62.2	62.4	4.3	4.6	12.2				12.0	5
						7.8	0.5	187	25.9		7.9	7.9	27.6		27.6	62.5	62.4	4.4	12.0		4					
SR4A	Rainy	Moderate	08:57	8.4	Surface	1.0	0.0	100	26.1	26.1	8.0	8.0	8.7	8.6	90.1	89.9	7.0	6.2	7.2	7.8	6	6	817205	807811		
						1.0	0.0	103	26.1		8.0	8.0	8.5	8.6	89.7	89.9	7.0		7.3		6					
					Middle	4.2	-	85	25.7	25.7	7.9	7.9	21.6	21.6	21.6	21.6	73.5	73.4	5.3	4.6	4.0				4.6	5
						4.2	0.0	91	25.7		7.9	7.9	21.6		21.6	73.3	73.4	5.3	3.7		6					
					Bottom	7.4	0.1	119	25.4	25.4	7.8	7.7	30.5	30.5	30.5	30.5	66.5	66.9	4.6	4.6	12.4				12.5	6
						7.4	0.1	111	25.4		7.7	7.7	30.5		30.5	67.2	66.9	4.6	12.5		5					
SR8	Rainy	Moderate	09:32	5.0	Surface	1.0	-	-	26.2	26.2	8.0	8.0	10.0	10.0	82.6	80.7	6.3	6.2	4.5	4.7	4	4	820412	811608		
						1.0	-	-	26.1		8.0	8.0	10.0	10.0	78.8	80.7	6.0		4.3		4					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-				6.2	-
						-	-	-	-		-	-	-		-	-	-	-	-		-					-
					Bottom	4.0	-	-	26.1	26.1	7.9	7.9	18.3	18.4	18.4	18.4	82.5	85.0	6.0	6.2	5.0				5.0	5
						4.0	-	-	26.1		7.9	7.9	18.5		18.4	87.4	85.0	6.4	5.0		4					

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Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 09 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Rainy	Moderate	14:05	8.3	Surface	1.0	0.2	28	26.2	26.2	8.0	8.0	6.1	6.1	94.6	94.6	7.4	7.2	8.5	6.6	5	5	815600	804234
						1.0	0.2	33	26.2		8.0	8.0	6.1	6.1	94.5	94.6	7.4		8.5					
					Middle	4.2	0.2	27	26.2	26.2	8.0	8.0	8.6	8.6	90.1	89.8	6.9	5.6	5.8	5				
						4.2	0.3	23	26.2		8.0	8.0	8.6	8.6	89.4	89.8	6.9		5.7					
					Bottom	7.3	0.2	25	26.2	26.2	7.9	7.9	20.2	20.2	77.0	77.1	5.6	5.6	5.5	5				
						7.3	0.3	19	26.2		7.9	7.9	20.2	20.2	77.2	77.1	5.6		5.5					
C2	Rainy	Moderate	12:48	10.8	Surface	1.0	0.1	204	26.4	26.4	8.0	8.0	10.2	10.2	82.2	82.2	6.3	5.7	6.0	4.1	6	6	825692	806967
						1.0	0.1	206	26.4		8.0	8.0	10.2	10.2	82.2	82.2	6.3		6.0					
					Middle	5.4	0.1	181	26.1	26.1	8.0	8.0	22.7	22.7	71.5	71.5	5.1	5.0	3.6		7			
						5.4	0.1	183	26.1		8.0	8.0	22.7	22.7	71.5	71.5	5.1		3.5					
					Bottom	9.8	0.1	179	26.0	26.0	8.0	8.0	27.9	27.9	71.4	71.4	5.0	5.0	2.8		6			
						9.8	0.0	179	26.0		8.0	8.0	27.9	27.9	71.4	71.4	5.0		2.8					
C3	Rainy	Moderate	14:15	10.0	Surface	1.0	0.4	271	25.8	25.8	8.0	8.0	11.5	11.5	83.7	83.6	6.4	6.2	1.4	2.2	4	4	822100	817818
						1.0	0.4	275	25.7		8.0	8.0	11.6	11.5	83.4	83.6	6.3		1.5					
					Middle	5.0	0.3	276	25.6	25.6	8.0	8.0	21.7	21.7	83.5	83.8	6.0	6.6	2.2		4			
						5.0	0.4	283	25.6		8.0	8.0	21.8	21.7	84.1	83.8	6.0		2.2					
					Bottom	9.0	0.4	245	25.6	25.6	7.9	7.9	23.8	23.7	90.3	90.7	6.5	6.6	3.1		4			
						9.0	0.4	243	25.6		7.9	7.9	23.6	23.7	91.1	90.7	6.6		3.1					
IM1	Rainy	Moderate	13:46	6.8	Surface	1.0	0.1	350	26.3	26.3	8.0	8.0	10.4	10.4	89.1	89.1	6.8	6.4	6.7	8.2	5	5	818334	806438
						1.0	0.1	343	26.3		8.0	8.0	10.4	10.4	89.0	89.1	6.8		6.7					
					Middle	3.4	0.1	358	25.8	25.8	8.0	8.0	15.2	15.2	79.8	79.6	6.0	4.5	7.8		5			
						3.4	0.2	351	25.8		8.0	8.0	15.3	15.2	79.4	79.6	5.9		7.9					
					Bottom	5.8	0.1	17	25.5	25.5	8.0	8.0	29.3	29.3	65.0	65.1	4.5	4.5	10.2		5			
						5.8	0.2	21	25.5		8.0	8.0	29.3	29.3	65.2	65.1	4.5		10.1					
IM2	Rainy	Moderate	13:39	7.2	Surface	1.0	0.2	284	26.2	26.2	8.0	8.0	15.1	15.1	85.0	85.1	6.3	5.5	6.3	8.8	7	6	819189	806235
						1.0	0.2	290	26.2		8.0	8.0	15.1	15.1	85.1	85.1	6.3		6.3					
					Middle	3.6	0.2	282	25.7	25.7	7.9	7.9	25.9	25.8	64.8	64.9	4.6	4.7	6.5		5			
						3.6	0.2	289	25.7		7.9	7.9	25.8	25.8	64.9	64.9	4.6		6.4					
					Bottom	6.2	0.1	304	25.5	25.5	7.9	7.9	30.3	30.3	67.4	67.6	4.7	4.7	13.5		5			
						6.2	0.2	299	25.5		7.9	7.9	30.3	30.3	67.7	67.6	4.7		14.0					
IM7	Rainy	Moderate	13:14	7.6	Surface	1.0	0.1	254	26.6	26.6	8.0	8.0	8.4	8.4	93.2	93.1	7.1	6.2	6.1	6.0	6	6	821371	806819
						1.0	0.2	254	26.6		8.0	8.0	8.4	8.4	93.0	93.1	7.1		6.0					
					Middle	3.8	0.1	234	26.1	26.1	7.9	7.9	20.6	20.0	72.2	72.1	5.2	4.5	5.2		6			
						3.8	0.1	236	26.1		7.9	7.9	19.5	20.0	72.0	72.1	5.3		5.5					
					Bottom	6.6	0.2	231	26.0	26.0	7.8	7.8	25.8	25.8	64.1	64.3	4.5	4.5	6.6		6			
						6.6	0.2	224	26.0		7.8	7.8	25.8	25.8	64.4	64.3	4.5		6.5					

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Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 09 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Rainy	Moderate	12:50	8.6	Surface	1.0	0.2	231	26.3	26.3	8.0	8.0	10.8	10.9	81.4	81.4	6.2	5.9	1.1	2.2	4	4	822245	809857
						1.0	0.2	227	26.2		8.0	8.0	10.9	10.9	81.3	81.4	6.2		1.1					
					Middle	4.3	0.1	227	26.0	26.0	8.0	8.0	11.0	11.0	73.5	73.4	5.6	5.5	2.2	4				
						4.3	0.1	228	26.0		8.0	8.0	11.0	11.0	73.2	73.4	5.6		2.2	4				
					Bottom	7.6	0.1	221	26.0	26.0	8.0	8.0	20.2	20.2	75.4	75.8	5.5	5.5	3.3	4				
						7.6	0.0	225	26.0		8.0	8.0	20.2	20.2	76.2	75.8	5.5		3.3	4				
IM11	Rainy	Moderate	13:10	7.0	Surface	1.0	0.2	273	26.2	26.2	8.0	8.0	10.7	10.7	81.5	81.4	6.2	6.0	1.1	2.3	4	4	821496	810562
						1.0	0.2	265	26.2		8.0	8.0	10.7	10.7	81.3	81.4	6.2		1.2					
					Middle	3.5	0.1	276	26.1	26.1	8.0	7.9	11.3	11.6	75.8	75.8	5.7	5.9	2.4	4				
						3.5	0.2	280	26.1		7.9	7.9	12.0	11.6	75.8	75.8	5.7		2.3	4				
					Bottom	6.0	0.1	301	26.2	26.2	7.9	7.9	21.5	21.5	80.0	81.7	5.7	5.9	3.2	4				
						6.0	0.2	302	26.2		7.9	7.9	21.4	21.5	83.4	81.7	6.0		3.4	4				
IM12	Rainy	Moderate	13:16	7.4	Surface	1.0	0.2	303	26.1	26.1	7.9	7.9	11.2	11.2	79.8	79.7	6.1	5.9	2.0	2.5	4	4	821154	811514
						1.0	0.2	296	26.1		7.9	7.9	11.2	11.2	79.5	79.7	6.1		2.0					
					Middle	3.7	0.2	299	26.0	26.0	7.9	7.9	13.7	13.7	75.2	75.3	5.7	5.8	2.1	4				
						3.7	0.2	306	26.0		7.9	7.9	13.7	13.7	75.3	75.3	5.7		2.2	4				
					Bottom	6.4	0.2	319	25.9	25.9	7.9	7.9	21.6	21.6	79.2	79.7	5.7	5.8	3.3	4				
						6.4	0.2	322	25.9		7.9	7.9	21.5	21.6	80.2	79.7	5.8		3.3	4				
SR1A	Rainy	Moderate	13:43	4.6	Surface	1.0	0.0	166	26.0	26.0	7.9	7.9	10.9	11.0	84.8	84.8	6.5	6.5	1.8	2.2	4	4	819974	812663
						1.0	0.1	168	26.0		7.9	7.9	11.1	11.0	84.7	84.8	6.4		1.8					
					Middle	2.3	0.0	188	-	-	-	-	-	-	-	-	-	6.8	-	4				
						2.3	-	193	-		-	-	-	-	-	-	-		-	-	4			
					Bottom	3.6	-	205	25.9	25.9	8.0	8.0	14.5	14.2	88.6	90.1	6.6	6.8	2.7	4				
						3.6	0.0	200	25.9		8.0	8.0	14.0	14.2	91.6	90.1	6.9		2.7	4				
SR2	Rainy	Moderate	13:56	4.2	Surface	1.0	0.1	299	26.0	26.0	7.9	7.9	9.8	9.8	85.1	85.2	6.5	6.6	1.4	2.0	4	4	821465	814154
						1.0	0.0	295	25.9		7.9	7.9	9.9	9.8	85.2	85.2	6.6		1.5					
					Middle	-	0.1	280	-	-	-	-	-	-	-	-	-	6.8	-	4				
						-	0.1	273	-		-	-	-	-	-	-	-		-	-	4			
					Bottom	3.2	0.1	295	25.8	25.8	7.9	7.9	14.8	14.5	89.0	90.2	6.7	6.8	2.4	4				
						3.2	0.1	299	25.8		7.9	7.9	14.2	14.5	91.3	90.2	6.9		2.6	4				
SR3	Rainy	Moderate	13:05	9.2	Surface	1.0	0.1	177	26.5	26.5	8.0	8.0	9.2	9.1	88.3	88.2	6.8	6.0	7.2	8.5	6	5	822135	807574
						1.0	0.1	184	26.5		8.0	8.0	9.1	9.1	88.0	88.2	6.7		7.2					
					Middle	4.6	0.2	148	26.1	26.1	8.0	8.0	18.4	18.4	71.1	70.8	5.2	4.3	5.1	5				
						4.6	0.1	146	26.0		8.0	8.0	18.4	18.4	70.5	70.8	5.2		5.1	5				
					Bottom	8.2	0.2	157	25.9	25.9	7.9	7.9	27.2	27.1	61.4	61.5	4.3	4.3	13.2	5				
						8.2	0.2	157	25.9		7.9	7.9	27.1	27.1	61.5	61.5	4.3		13.3	5				
SR4A	Rainy	Moderate	14:24	8.3	Surface	1.0	0.0	122	26.4	26.4	7.9	7.9	9.9	9.9	94.5	94.5	7.2	6.2	7.6	10.4	4	6	817200	807816
						1.0	0.0	124	26.4		7.9	7.9	9.9	9.9	94.4	94.5	7.2		7.7					
					Middle	4.2	0.0	109	25.8	25.8	7.8	7.8	20.9	20.9	70.3	70.2	5.1	4.7	11.7	6				
						4.2	0.0	113	25.8		7.8	7.8	21.0	20.9	70.0	70.2	5.1		11.9	5				
					Bottom	7.3	0.0	117	25.8	25.9	7.7	7.7	28.0	28.0	68.0	68.2	4.7	4.7	11.9	7				
						7.3	0.1	113	25.9		7.7	7.7	28.0	28.0	68.3	68.2	4.7		11.6	7				
SR8	Rainy	Moderate	13:22	5.0	Surface	1.0	-	-	26.4	26.4	7.9	7.9	12.5	12.5	83.5	83.6	6.3	6.3	3.0	3.7	5	5	820393	811612
						1.0	-	-	26.4		7.9	7.9	12.5	12.5	83.7	83.6	6.3		3.1					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	6				
						-	-	-	-		-	-	-	-	-	-	-		-	-	4			
					Bottom	4.0	-	-	26.1	26.1	7.9	7.9	14.5	14.4	85.9	86.7	6.4	6.5	4.4	4				
						4.0	-	-	26.1		7.9	7.9	14.3	14.4	87.5	86.7	6.5		4.4	4				

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 11 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)								
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA										
C1	Cloudy	Moderate	10:51	8.6	Surface	1.0	0.4	199	26.8	26.8	8.0	8.0	9.7	9.7	93.5	93.4	7.1	5.8	5.9	8.9	4	4	815614	804270								
						1.0	0.4	192	26.8		8.0	8.0	9.7	9.7	93.3	93.4	7.1		6.0													
					Middle	4.3	0.5	189	25.4	25.4	7.9	7.9	28.2	28.2	65.0	65.1	4.5	4.2	8.4	4												
						4.3	0.5	195	25.4		7.9	7.9	28.2	28.2	65.1	65.1	4.6		3													
					Bottom	7.6	0.5	197	25.1	25.1	7.9	7.9	31.6	31.6	61.2	61.2	4.2	4.2	12.2	3												
						7.6	0.5	197	25.1		7.9	7.9	31.6	31.6	61.2	61.2	4.2		12.2	4												
					C2	Cloudy	Moderate	12:13	10.6	Surface	1.0	0.8	171	26.2	26.2	7.9	7.9	5.6	5.6	80.4	80.1				6.3	5.6	9.1	7.9	2	3	825663	806962
											1.0	0.8	169	26.2		7.9	7.9	5.6	5.6	79.7	80.1				6.2		9.0					
Middle	5.3	0.8	166	26.0						26.0	8.0	8.0	23.2	23.2	70.1	70.1	5.0	4.9	8.0	3												
	5.3	0.8	161	26.0							8.0	8.0	23.2	23.2	70.1	70.1	5.0		8.0													
Bottom	9.6	0.8	186	25.8						25.8	7.9	7.9	28.7	28.7	70.5	70.6	4.9	4.9	6.8	4												
	9.6	0.8	183	25.8							7.9	7.9	28.7	28.7	70.6	70.6	4.9		6.6	4												
C3	Cloudy	Rough	09:12	14.2						Surface	1.0	0.2	73	25.8	25.8	7.9	7.9	15.3	15.3	79.2	79.2	5.9	5.5	2.5	2.5	3	4	822095	817814			
											1.0	0.2	69	25.8		7.9	7.9	15.3	15.3	79.2	79.2	5.9		2.5								
					Middle	7.1	0.2	68	25.2	25.2	7.9	7.9	25.2	25.1	70.6	70.6	5.0	4.8	2.6	4												
						7.1	0.2	73	25.2		7.9	7.9	25.1	25.1	70.6	70.6	5.0		2.6													
					Bottom	13.2	0.2	100	25.0	25.0	7.9	7.9	28.0	28.0	68.0	68.1	4.8	4.8	2.3	4												
						13.2	0.3	100	25.0		7.9	7.9	28.0	28.0	68.1	68.1	4.8		2.3	4												
					IM1	Cloudy	Moderate	11:08	6.2	Surface	1.0	0.4	200	26.4	26.4	8.0	8.0	16.5	16.5	81.1	81.1	6.0	5.1	5.6	6.9	4				4	818331	806462
											1.0	0.4	203	26.4		8.0	8.0	16.5	16.5	81.0	81.1	6.0		5.7								
Middle	3.1	0.4	208	25.3						25.3	7.9	7.9	30.4	30.4	61.2	61.2	4.2	4.2	6.6	4												
	3.1	0.3	206	25.3							7.9	7.9	30.3	30.4	61.1	61.2	4.2		6.6													
Bottom	5.2	0.3	191	25.1						25.1	7.9	7.9	32.0	32.0	60.5	60.7	4.2	4.2	9.0	4												
	5.2	0.4	193	25.1							7.9	7.9	32.0	32.0	60.8	60.7	4.2		8.1	4												
IM2	Cloudy	Moderate	11:13	6.7						Surface	1.0	0.4	199	26.4	26.5	8.0	8.0	16.9	16.9	80.1	80.2	5.9	5.1	5.4	8.5	4	4	819173	806252			
											1.0	0.4	195	26.5		8.0	8.0	16.8	16.9	80.2	80.2	5.9		5.5								
					Middle	3.4	0.4	193	25.2	25.2	7.9	7.9	30.2	30.3	60.5	60.5	4.2	4.3	8.9	4												
						3.4	0.4	188	25.2		7.9	7.9	30.3	30.3	60.5	60.5	4.2		9.2													
					Bottom	5.7	0.4	191	25.1	25.1	7.9	7.9	32.0	32.0	62.4	62.5	4.3	4.3	11.1	4												
						5.7	0.4	196	25.1		7.9	7.9	31.9	32.0	62.6	62.5	4.3		10.8	2												
					IM7	Cloudy	Moderate	11:43	7.7	Surface	1.0	0.3	204	26.7	26.7	8.0	8.0	9.7	9.8	87.6	87.6	6.7	6.0	6.3	7.8	3				3	821365	806815
											1.0	0.4	203	26.7		8.0	8.0	9.8	9.8	87.5	87.6	6.6		6.3								
Middle	3.9	0.3	218	26.1						26.1	7.9	7.9	16.8	16.8	71.3	71.3	5.3	4.1	6.4	4												
	3.9	0.3	218	26.1							7.9	7.9	16.8	16.8	71.3	71.3	5.3		6.4													
Bottom	6.7	0.3	215	25.5						25.5	7.9	7.9	27.2	27.2	57.6	57.7	4.0	4.1	10.7	4												
	6.7	0.3	220	25.5							7.9	7.9	27.2	27.2	57.7	57.7	4.1		10.8	3												

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 11 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA					
IM10	Cloudy	Moderate	11:01	8.9	Surface	1.0	0.6	118	26.2	26.2	7.9	7.9	6.9	6.9	82.7	82.6	6.4	6.4	5.9	4.9	4	4	822229	809851			
						1.0	0.6	123	26.2	7.9	7.9	6.9	6.9	82.4	82.6	6.4	6.4	5.9	4.9	4							
					Middle	4.5	0.6	97	25.8	25.8	7.8	7.8	17.7	17.7	64.4	64.5	4.8	4.8	3.7	4.9	4						
						4.5	0.6	102	25.8	25.8	7.8	7.8	17.7	17.7	64.5	64.5	4.8	4.8	3.7	4.9	4						
					Bottom	7.9	0.6	97	25.6	25.6	7.9	7.9	21.6	21.7	65.7	65.8	4.8	4.8	5.2	4.8	4						
						7.9	0.6	103	25.6	25.6	7.9	7.9	21.7	21.7	65.9	65.8	4.8	4.8	5.2	4.8	4						
IM11	Cloudy	Moderate	10:46	8.2	Surface	1.0	0.7	108	26.1	26.1	7.9	7.9	7.3	7.3	84.0	84.0	6.5	6.5	4.8	4.3	3	4	821489	810555			
						1.0	0.7	107	26.1	26.1	7.9	7.9	7.3	7.3	83.9	84.0	6.5	6.5	4.8	4.3	4						
					Middle	4.1	0.7	84	26.1	26.1	7.9	7.9	11.1	11.1	79.5	79.7	6.1	6.1	4.2	4.3	4						
						4.1	0.7	83	26.1	26.1	7.9	7.9	11.1	11.1	79.8	79.7	6.1	6.1	4.3	4.3	4						
					Bottom	7.2	0.7	100	25.7	25.8	7.9	7.8	18.9	18.9	67.5	67.6	4.9	4.9	3.9	5.0	3.9				4		
						7.2	0.7	100	25.8	25.8	7.8	7.8	18.9	18.9	67.6	67.6	5.0	5.0	3.9	5.0	3.9				5		
IM12	Cloudy	Moderate	10:38	9.6	Surface	1.0	0.8	89	26.2	26.2	7.9	7.9	7.3	7.3	84.3	84.3	6.5	6.5	5.0	4.5	4	4	821139	811519			
						1.0	0.7	83	26.2	26.2	7.9	7.9	7.3	7.3	84.2	84.3	6.5	6.5	4.9	4.5	4						
					Middle	4.8	0.7	87	26.1	26.1	7.9	7.9	11.5	11.5	78.1	78.1	5.9	5.9	4.1	4.5	4						
						4.8	0.8	83	26.0	26.1	7.9	7.9	11.5	11.5	78.1	78.1	5.9	5.9	4.2	4.5	4						
					Bottom	8.6	0.8	104	25.7	25.7	7.9	7.9	19.6	19.6	69.8	70.0	5.1	5.1	4.5	5.1	4.5				4		
						8.6	0.8	101	25.7	25.7	7.9	7.9	19.6	19.6	70.1	70.0	5.1	5.1	4.5	5.1	4.5				3		
SR1A	Cloudy	Moderate	09:58	5.6	Surface	1.0	0.0	122	26.1	26.1	7.9	7.9	8.2	8.2	83.6	83.6	6.5	6.5	4.9	4.3	4	4	819979	812658			
						1.0	0.0	115	26.1	26.1	7.9	7.9	8.2	8.2	83.5	83.6	6.5	6.5	4.8	4.3	3						
					Middle	2.8	0.1	148	-	-	-	-	-	-	-	-	-	-	-	-	-				-	4	
						2.8	0.1	141	-	-	-	-	-	-	-	-	-	-	-	-	-				-	4	
					Bottom	4.6	-	141	26.0	26.0	7.9	7.9	10.5	10.5	79.7	79.7	6.1	6.1	3.7	6.1	3.7				4		
						4.6	0.0	141	26.0	26.0	7.9	7.9	10.5	10.5	79.6	79.7	6.1	6.1	3.7	6.1	3.7				4		
SR2	Cloudy	Rough	09:39	5.7	Surface	1.0	0.5	40	25.9	25.9	7.9	7.9	14.9	14.9	81.1	81.1	6.1	6.1	2.7	2.0	3	4	821463	814183			
						1.0	0.4	47	25.9	25.9	7.9	7.9	14.9	14.9	81.1	81.1	6.1	6.1	2.7	2.0	4						
					Middle	-	0.5	49	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
						-	0.4	47	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
					Bottom	4.7	0.5	51	25.7	25.7	7.9	7.9	17.2	17.2	78.0	78.0	5.8	5.8	1.2	5.8	1.2				4		
						4.7	0.5	49	25.7	25.7	7.9	7.9	17.2	17.2	78.0	78.0	5.8	5.8	1.3	5.8	1.3				4		
SR3	Cloudy	Moderate	11:52	8.2	Surface	1.0	0.7	150	26.8	26.8	8.0	8.0	8.8	8.8	93.3	93.3	7.1	7.1	6.4	9.2	4	4	822156	807590			
						1.0	0.7	155	26.8	26.8	8.0	8.0	8.8	8.8	93.2	93.3	7.1	7.1	6.4	9.2	5						
					Middle	4.1	0.7	165	26.3	26.3	7.9	7.9	12.5	12.5	82.7	82.7	6.2	6.2	5.9	9.2	4						
						4.1	0.6	164	26.3	26.3	7.9	7.9	12.5	12.5	82.7	82.7	6.2	6.2	5.9	9.2	4						
					Bottom	7.2	0.8	188	25.5	25.5	7.9	7.9	27.6	27.6	62.3	62.4	4.4	4.4	15.2	4.4	15.2				4		
						7.2	0.8	190	25.5	25.5	7.9	7.9	27.6	27.6	62.5	62.4	4.4	4.4	15.8	4.4	15.8				4		
SR4A	Cloudy	Moderate	10:32	8.7	Surface	1.0	0.0	109	26.1	26.1	7.9	7.9	15.5	15.5	77.8	77.8	5.8	5.8	7.5	10.8	4	4	817188	807786			
						1.0	0.0	114	26.0	26.1	7.9	7.9	15.5	15.5	77.7	77.8	5.8	5.8	7.8	10.8	3						
					Middle	4.4	-	114	25.2	25.2	7.8	7.8	30.6	30.6	59.6	59.6	4.1	4.1	10.1	5.0	10.1				4		
						4.4	0.0	116	25.2	25.2	7.8	7.8	30.6	30.6	59.6	59.6	4.1	4.1	10.1	5.0	10.1				4		
					Bottom	7.7	0.0	100	25.2	25.2	7.7	7.7	31.0	31.0	62.4	62.5	4.3	4.3	14.8	4.3	14.8				4		
						7.7	0.0	102	25.2	25.2	7.7	7.7	31.0	31.0	62.6	62.5	4.3	4.3	14.6	4.3	14.6				5		
SR8	Cloudy	Moderate	10:29	5.2	Surface	1.0	-	-	26.2	26.2	7.9	7.9	8.0	8.0	83.3	83.3	6.4	6.4	3.5	4.1	3	4	820408	811635			
						1.0	-	-	26.2	26.2	7.9	7.9	8.0	8.0	83.3	83.3	6.4	6.4	3.5	4.1	4						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
					Bottom	4.2	-	-	26.0	26.0	7.9	7.9	11.4	11.4	77.2	77.2	5.9	5.9	4.6	5.9	4.6				4		
						4.2	-	-	26.0	26.0	7.9	7.9	11.4	11.4	77.1	77.2	5.9	5.9	4.6	5.9	4.6				4		

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 11 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	16:31	8.4	Surface	1.0	0.3	47	26.5	26.5	8.0	8.0	5.9	5.9	90.5	90.5	7.1	6.2	9.9	9.4	4	4	815626	804255
						1.0	0.3	41	26.5		8.0	8.0	5.9	5.9	90.4	90.5	7.0		9.9					
					Middle	4.2	0.3	51	25.8	25.8	7.9	7.9	20.0	20.4	73.5	73.7	5.3	4.8	7.0	4				
						4.2	0.3	52	25.7		7.9	7.9	20.9	20.4	73.8	73.7	5.3		7.0					
					Bottom	7.4	0.4	52	25.5	25.5	7.9	7.9	24.8	24.9	67.4	67.5	4.8	4.8	11.6	4				
						7.4	0.4	58	25.5		7.9	7.9	25.0	24.9	67.6	67.5	4.8		11.3					
C2	Rainy	Moderate	15:18	10.8	Surface	1.0	0.2	199	26.5	26.5	7.9	7.9	4.6	4.6	84.2	84.2	6.6	5.9	11.4	9.8	3	4	825688	806967
						1.0	0.1	192	26.5		7.9	7.9	4.6	4.6	84.1	84.2	6.6		11.2					
					Middle	5.4	0.1	182	25.9	25.9	7.9	7.9	18.7	19.1	70.8	70.7	5.2	5.0	7.9	4				
						5.4	0.0	186	25.9		7.9	7.9	19.5	19.1	70.6	70.7	5.1		7.8					
					Bottom	9.8	0.1	218	26.1	26.2	7.9	7.9	27.6	27.6	71.0	71.3	4.9	5.0	10.1	4				
						9.8	0.1	222	26.2		7.9	7.9	27.6	27.6	71.5	71.3	5.0		10.5					
C3	Cloudy	Moderate	17:15	13.1	Surface	1.0	0.5	247	26.0	26.0	7.9	7.9	14.0	14.0	82.0	82.0	6.2	5.9	4.2	2.6	3	4	822108	817825
						1.0	0.5	244	26.0		7.9	7.9	14.0	14.0	81.9	82.0	6.2		4.2					
					Middle	6.6	0.5	239	25.8	25.8	7.9	7.9	16.5	16.5	76.1	76.1	5.7	5.1	1.5	4				
						6.6	0.5	244	25.8		7.9	7.9	16.5	16.5	76.0	76.1	5.6		1.6					
					Bottom	12.1	0.5	234	25.7	25.7	7.9	7.9	20.4	20.4	70.4	70.5	5.1	5.1	2.0	4				
						12.1	0.5	232	25.7		7.9	7.9	20.4	20.4	70.5	70.5	5.1		2.0					
IM1	Cloudy	Moderate	16:11	6.4	Surface	1.0	0.2	3	26.5	26.5	8.0	8.0	8.2	8.2	94.2	94.2	7.2	6.7	9.4	10.1	3	4	818329	806439
						1.0	0.2	358	26.5		8.0	8.0	8.2	8.2	94.1	94.2	7.2		9.4					
					Middle	3.2	0.2	350	26.4	26.4	8.0	8.0	13.6	13.6	83.1	82.9	6.2	4.2	10.3	4				
						3.2	0.1	347	26.4		8.0	8.0	13.5	13.6	82.7	82.9	6.2		10.3					
					Bottom	5.4	0.2	348	25.4	25.5	7.9	7.9	30.9	30.9	60.4	60.6	4.2	4.2	10.7	5				
						5.4	0.2	347	25.5		7.9	7.9	30.9	30.9	60.8	60.6	4.2		10.6					
IM2	Cloudy	Moderate	16:02	6.5	Surface	1.0	0.2	299	26.6	26.6	8.0	8.0	9.6	9.6	94.1	94.1	7.2	6.9	7.6	8.3	4	4	819177	806215
						1.0	0.1	298	26.6		8.0	8.0	9.6	9.6	94.0	94.1	7.2		7.5					
					Middle	3.3	0.2	302	26.5	26.5	8.0	8.0	14.2	14.2	88.0	88.0	6.5	4.0	6.7	4				
						3.3	0.1	305	26.5		8.0	8.0	14.2	14.2	88.0	88.0	6.5		6.7					
					Bottom	5.5	0.1	330	25.6	25.6	7.9	7.9	31.2	31.2	58.3	58.3	4.0	4.0	10.7	4				
						5.5	0.2	334	25.6		7.9	7.9	31.2	31.2	58.3	58.3	4.0		10.7					
IM7	Cloudy	Moderate	15:37	7.6	Surface	1.0	0.2	252	26.3	26.3	7.8	7.8	6.8	6.8	86.7	86.7	6.7	6.7	11.2	13.0	3	4	821370	806841
						1.0	0.2	253	26.3		7.8	7.8	6.8	6.8	86.7	86.7	6.7		11.2					
					Middle	3.8	0.3	262	26.4	26.4	7.8	7.8	8.1	8.1	85.8	85.9	6.6	6.8	13.5	4				
						3.8	0.2	267	26.4		7.8	7.8	8.1	8.1	85.9	85.9	6.6		13.6					
					Bottom	6.6	0.3	247	26.4	26.4	7.8	7.8	8.3	8.2	88.1	88.2	6.8	6.8	14.4	4				
						6.6	0.3	241	26.4		7.8	7.8	8.2	8.2	88.3	88.2	6.8		14.1					

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 11 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Rainy	Rough	15:17	7.9	Surface	1.0	0.1	237	26.3	26.3	7.9	7.9	6.6	6.6	85.7	85.7	6.7	6.7	6.4	5.0	4	4	822254	809834
						1.0	0.2	231	26.3		7.9	7.9	6.6	6.6	85.6	85.7	6.7	6.7						
					Middle	4.0	0.2	241	26.2	26.2	7.9	7.9	8.2	8.2	79.4	79.3	6.1	6.1	4.9	4.3	4	4		
						4.0	0.1	240	26.2		7.9	7.9	8.2	8.2	79.2	79.3	6.1	6.1						
					Bottom	6.9	0.2	219	25.7	25.8	7.8	7.8	19.0	19.0	66.5	66.6	4.9	4.9	4.3	4.3	4	3		
						6.9	0.2	221	25.8		7.8	7.8	19.0	19.0	66.7	66.6	4.9	4.9						
IM11	Rainy	Rough	15:32	8.5	Surface	1.0	0.3	281	26.8	26.8	7.9	7.9	7.9	7.8	86.2	86.3	6.6	6.6	6.3	6.5	4	4	821483	810547
						1.0	0.3	281	26.7		7.9	7.9	7.8	7.8	86.3	86.3	6.6	6.6						
					Middle	4.3	0.2	288	26.7	26.7	7.9	7.9	11.0	10.9	79.3	79.3	6.0	6.0	5.2	8.5	4	4		
						4.3	0.2	292	26.7		7.9	7.9	10.9	10.9	79.3	79.3	6.0	6.0						
					Bottom	7.5	0.2	267	25.8	25.8	7.8	7.8	18.1	18.2	66.7	66.7	4.9	4.9	8.6	8.6	4	4		
						7.5	0.2	272	25.8		7.8	7.8	18.2	18.2	66.7	66.7	4.9	4.9						
IM12	Rainy	Rough	15:43	8.4	Surface	1.0	0.3	292	26.3	26.3	7.9	7.9	8.0	8.0	85.8	85.8	6.6	6.6	6.5	5.3	3	3	821166	811501
						1.0	0.2	299	26.3		7.9	7.9	8.0	8.0	85.7	85.7	6.6	6.6						
					Middle	4.2	0.3	266	26.3	26.3	7.9	7.9	8.4	8.4	81.6	81.5	6.3	6.3	4.2	7.5	3	3		
						4.2	0.3	259	26.3		7.9	7.9	8.4	8.4	81.4	81.5	6.3	6.3						
					Bottom	7.4	0.3	276	25.6	25.6	7.8	7.8	20.7	20.7	62.0	62.0	4.5	4.5	7.5	7.5	3	3		
						7.4	0.3	278	25.6		7.8	7.8	20.7	20.7	62.0	62.0	4.5	4.5						
SR1A	Cloudy	Moderate	16:24	4.7	Surface	1.0	0.0	186	26.3	26.3	7.9	7.9	8.3	8.3	84.6	84.6	6.5	6.5	6.5	4.8	4	4	819983	812656
						1.0	-	182	26.3		7.9	7.9	8.3	8.3	84.5	84.6	6.5	6.5						
					Middle	2.4	0.0	182	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						2.4	0.0	177	-		-	-	-	-	-	-	-	-						
					Bottom	3.7	0.0	189	26.3	26.3	7.9	7.9	9.3	9.3	81.3	81.2	6.2	6.2	4.8	4.7	4	3		
						3.7	0.0	182	26.3		7.9	7.9	9.3	9.3	81.1	81.2	6.2	6.2						
SR2	Cloudy	Moderate	16:43	4.3	Surface	1.0	0.2	281	25.9	25.9	7.9	7.9	16.0	16.0	79.4	79.5	5.9	5.9	5.9	1.8	3	3	821462	814149
						1.0	0.2	273	25.9		7.9	7.9	16.0	16.0	79.5	79.5	5.9	5.9						
					Middle	-	0.2	288	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						-	0.2	281	-		-	-	-	-	-	-	-	-						
					Bottom	3.3	0.2	281	25.8	25.8	7.9	7.9	17.9	17.9	75.2	75.3	5.5	5.6	1.8	1.8	3	2		
						3.3	0.1	277	25.8		7.9	7.9	17.9	17.9	75.3	75.3	5.6	5.6						
SR3	Cloudy	Moderate	15:31	8.6	Surface	1.0	0.2	185	26.3	26.3	7.9	7.9	4.7	4.4	86.5	86.5	6.8	6.8	6.4	11.4	4	4	822140	807574
						1.0	0.2	187	26.3		7.9	7.9	4.1	4.4	86.5	86.5	6.8	6.8						
					Middle	4.3	0.2	197	26.3	26.3	7.8	7.8	13.6	13.6	79.3	79.3	5.9	5.9	7.2	14.9	4	4		
						4.3	0.2	200	26.3		7.8	7.8	13.7	13.6	79.2	79.4	5.9	5.9						
					Bottom	7.6	0.1	207	26.3	26.3	7.8	7.8	14.2	14.2	79.4	79.4	5.9	5.9	14.9	14.9	4	4		
						7.6	0.1	212	26.3		7.8	7.8	14.2	14.2	79.4	79.4	5.9	5.9						
SR4A	Cloudy	Moderate	16:47	8.6	Surface	1.0	0.0	136	26.5	26.5	7.9	7.9	13.5	13.5	88.3	88.3	6.6	6.6	6.3	11.6	4	3	817190	807792
						1.0	0.0	138	26.5		7.9	7.9	13.5	13.5	88.2	88.3	6.6	6.6						
					Middle	4.3	0.0	142	25.8	25.8	7.9	7.9	15.5	15.5	79.0	78.7	5.9	5.9	12.3	13.6	4	4		
						4.3	0.1	138	25.7		7.9	7.9	15.4	15.5	78.3	78.3	5.9	5.9						
					Bottom	7.6	0.1	147	25.4	25.4	7.8	7.8	28.1	28.1	63.8	64.0	4.5	4.5	13.4	13.4	4	4		
						7.6	0.1	147	25.4		7.8	7.8	28.1	28.1	64.1	64.0	4.5	4.5						
SR8	Rainy	Moderate	15:51	4.9	Surface	1.0	-	-	26.4	26.4	7.9	7.9	8.0	8.0	87.1	87.1	6.7	6.7	6.7	4.3	4	4	820390	811612
						1.0	-	-	26.4		7.9	7.9	8.0	8.0	87.1	87.1	6.7	6.7						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						-	-	-	-		-	-	-	-	-	-	-	-						
					Bottom	3.9	-	-	26.0	26.0	7.8	7.8	12.4	12.4	75.5	75.5	5.7	5.7	4.4	4.4	3	4		
						3.9	-	-	26.0		7.8	7.8	12.4	12.4	75.5	75.5	5.7	5.7						

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 14 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C1	Rainy	Moderate	13:04	8.4	Surface	1.0	0.7	214	26.0	26.0	8.0	8.0	15.2	15.2	83.5	83.4	6.2	5.7	10.5	12.0	5	5	815630	804255		
						1.0	0.7	210	26.0		8.0	8.0	15.2	15.2	83.3	83.4	6.2		10.5							
					Middle	4.2	0.7	194	25.7	25.7	8.0	8.0	23.5	23.4	71.6	71.6	5.1	5.0	10.1	5.0	4				5.0	4
						4.2	0.7	189	25.7		8.0	8.0	23.3	24.1	71.5	70.7	5.1		10.1							
					Bottom	7.4	0.7	216	25.6	25.6	8.0	8.0	24.0	24.1	70.7	70.7	5.0	5.0	15.4	5.0	5				5.0	5
						7.4	0.8	215	25.6		8.0	8.0	24.1	24.1	70.7	70.7	5.0		15.3							
C2	Rainy	Rough	11:21	11.1	Surface	1.0	0.5	154	26.0	26.0	7.9	7.9	7.4	7.4	77.0	76.9	6.0	5.6	9.3	11.5	11	9	825667	806954		
						1.0	0.5	159	26.0		7.9	7.9	7.4	7.4	76.8	76.9	6.0		9.9							
					Middle	5.6	0.5	183	26.0	26.0	7.9	7.9	16.2	16.2	69.8	69.7	5.2	5.0	9.6	5.0	9				5.0	8
						5.6	0.5	177	26.0		7.9	7.9	16.2	16.2	69.6	69.8	5.2		9.6							
					Bottom	10.1	0.5	144	26.0	26.0	7.9	7.8	18.6	18.6	68.8	68.8	5.0	5.0	15.3	5.0	8				5.0	8
						10.1	0.5	141	26.0		7.8	7.8	18.6	18.6	68.7	68.8	5.0		15.2							
C3	Misty	Moderate	13:18	10.0	Surface	1.0	0.5	47	26.0	26.0	7.8	7.8	10.2	10.3	80.2	80.3	6.1	6.2	6.1	7.4	7	8	822129	817806		
						1.0	0.5	45	26.0		7.8	7.8	10.3	10.3	80.3	80.3	6.2		6.1							
					Middle	5.0	0.5	80	26.0	26.0	7.8	7.8	11.0	11.0	81.4	81.7	6.2	6.3	7.6	6.3	8				6.3	8
						5.0	0.5	81	26.0		7.8	7.8	10.9	11.0	81.9	81.7	6.3		7.5							
					Bottom	9.0	0.5	82	26.0	26.0	7.8	7.8	12.2	12.2	83.2	83.4	6.3	6.3	8.5	6.3	10				6.3	10
						9.0	0.5	86	26.0		7.8	7.8	12.2	12.2	83.5	83.4	6.3		8.4							
IM1	Rainy	Moderate	12:32	6.8	Surface	1.0	0.4	183	26.0	26.0	8.0	8.0	17.6	17.6	80.2	80.1	5.9	5.0	6.5	9.6	5	5	818344	806476		
						1.0	0.4	189	25.9		8.0	8.0	17.7	17.6	79.9	80.1	5.9		6.6							
					Middle	3.4	0.4	189	25.1	25.1	8.0	8.0	30.1	30.1	58.9	58.9	4.1	4.1	10.3	4.1	5				4.1	5
						3.4	0.4	189	25.1		8.0	8.0	30.1	30.1	58.9	58.9	4.1		10.9							
					Bottom	5.8	0.4	190	25.1	25.1	8.0	8.0	30.5	30.5	59.1	59.4	4.1	4.1	11.9	4.1	5				4.1	5
						5.8	0.4	188	25.1		8.0	8.0	30.5	30.5	59.6	59.4	4.1		11.5							
IM2	Rainy	Moderate	12:22	6.8	Surface	1.0	0.4	205	26.1	26.1	8.0	8.0	15.7	15.6	84.2	83.7	6.3	5.7	7.7	9.2	5	5	819174	806218		
						1.0	0.4	211	26.1		8.0	8.0	15.5	15.6	83.1	83.7	6.2		7.6							
					Middle	3.4	0.5	208	25.7	25.7	8.0	8.0	22.5	22.5	71.6	71.6	5.1	4.5	8.4	4.5	5				4.5	5
						3.4	0.4	201	25.7		8.0	8.0	22.5	22.5	71.6	71.6	5.1		8.5							
					Bottom	5.8	0.4	213	25.4	25.4	8.0	8.0	27.7	27.8	64.7	64.8	4.5	4.5	11.5	4.5	6				4.5	6
						5.8	0.4	215	25.4		8.0	8.0	27.9	27.8	64.8	64.8	4.5		11.5							
IM7	Rainy	Rough	11:56	7.8	Surface	1.0	0.3	150	26.3	26.3	7.9	7.9	9.7	9.7	83.5	83.6	6.4	6.4	12.9	13.9	6	5	821353	806838		
						1.0	0.3	143	26.3		7.9	7.9	9.7	9.7	83.6	83.6	6.4		12.2							
					Middle	3.9	0.3	146	26.3	26.3	7.9	7.9	10.1	10.1	83.8	83.8	6.4	6.5	14.0	6.5	4				6.5	4
						3.9	0.4	148	26.3		7.9	7.9	10.1	10.1	83.8	83.8	6.4		13.8							
					Bottom	6.8	0.3	172	26.3	26.3	7.9	7.9	10.4	10.4	84.9	85.1	6.5	6.5	15.3	6.5	4				6.5	4
						6.8	0.3	167	26.3		7.9	7.9	10.4	10.4	85.3	85.1	6.5		15.5							

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 14 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA						
IM10	Rainy	Moderate	12:29	8.4	Surface	1.0	0.7	124	25.9	25.9	7.8	7.8	7.4	7.5	80.0	80.1	6.2	6.3	6.6	7.4	5	5	822246	809845				
						1.0	0.8	127	25.9		7.8	7.8	7.5	7.5	80.1	80.1	6.3		6.6									
					Middle	4.2	0.8	105	25.8	25.8	7.8	7.8	8.2	8.2	80.8	80.9	6.3	7.1	5									
						4.2	0.8	102	25.7		7.8	7.8	8.2	8.2	81.0	80.9	6.3	7.2	5									
					Bottom	7.4	0.8	119	25.5	25.5	7.8	7.8	8.3	8.3	82.7	83.1	6.5	8.4	5									
						7.4	0.8	120	25.5		7.8	7.8	8.3	8.3	83.5	83.1	6.5	8.4	6									
IM11	Rainy	Moderate	12:33	7.2	Surface	1.0	0.8	111	25.9	25.9	7.8	7.8	7.7	7.7	80.9	81.0	6.3	6.4	7.1	8.3	7	5	821505	810568				
						1.0	0.8	115	25.9		7.8	7.8	7.7	7.7	81.0	81.0	6.3		7.2									
					Middle	3.6	0.8	112	25.7	25.7	7.8	7.8	7.7	7.7	82.0	82.1	6.4	8.7	6									
						3.6	0.7	113	25.7		7.8	7.8	7.7	7.7	82.1	82.1	6.4	8.7	4									
					Bottom	6.2	0.8	110	25.4	25.4	7.8	7.8	7.7	7.7	83.5	83.9	6.6	9.0	4									
						6.2	0.7	106	25.4		7.8	7.8	7.7	7.7	84.2	83.9	6.6	9.1	5									
IM12	Rainy	Moderate	12:38	7.6	Surface	1.0	1.0	98	25.9	25.9	7.8	7.8	8.3	8.3	79.9	80.0	6.2	6.2	5.0	6.5	5	5	821158	811512				
						1.0	1.0	96	25.9		7.8	7.8	8.3	8.3	80.0	80.0	6.2		5.1									
					Middle	3.8	1.0	115	25.9	25.9	7.8	7.8	8.4	8.5	80.5	80.5	6.2	6.8	6									
						3.8	1.0	109	25.9		7.8	7.8	8.5	8.5	80.5	80.5	6.2	6.7	4									
					Bottom	6.6	1.0	87	25.9	25.9	7.8	7.8	8.6	8.6	80.9	81.0	6.3	7.8	7									
						6.6	1.0	80	25.9		7.8	7.8	8.6	8.6	81.0	81.0	6.3	7.9	6									
SR1A	Rainy	Moderate	12:49	5.2	Surface	1.0	0.0	99	26.0	26.0	7.8	7.8	10.0	10.0	80.5	80.6	6.2	6.2	8.1	8.6	6	5	819974	812659				
						1.0	0.0	95	26.0		7.9	7.8	10.0	10.0	80.6	80.6	6.2		8.2									
					Middle	2.6	0.0	91	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						2.6	0.0	91	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
					Bottom	4.2	-	116	26.0	26.0	7.9	7.9	11.5	11.6	81.3	81.4	6.2	9.0	5									
						4.2	0.0	114	26.0		7.9	7.9	11.6	11.6	81.4	81.4	6.2	9.0	5									
SR2	Misty	Moderate	13:07	4.0	Surface	1.0	0.7	37	25.9	25.9	7.8	7.8	7.4	7.5	85.0	85.2	6.6	6.7	6.1	6.8	5	5	821477	814159				
						1.0	0.7	36	25.9		7.8	7.8	7.5	7.5	85.3	85.2	6.7		6.2									
					Middle	-	0.7	30	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	
						-	0.7	27	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-	
					Bottom	3.0	0.7	35	25.9	25.9	7.8	7.8	8.6	8.6	87.3	88.0	6.8	7.4	4									
						3.0	0.7	37	25.9		7.8	7.8	8.6	8.6	88.7	88.0	6.9	7.5	5									
SR3	Rainy	Rough	11:47	8.8	Surface	1.0	0.6	147	26.3	26.3	7.9	7.9	10.3	10.3	81.3	81.3	6.2	6.2	11.2	11.5	14	13	822136	807592				
						1.0	0.5	149	26.3		7.9	7.9	10.3	10.3	81.2	81.3	6.2		11.3									
					Middle	4.4	0.5	138	26.3	26.3	7.9	7.9	12.2	12.2	81.1	81.1	6.1	11.4	13									
						4.4	0.5	138	26.3		7.9	7.9	12.2	12.2	81.1	81.1	6.1	11.3	12									
					Bottom	7.8	0.5	166	26.3	26.3	7.9	7.9	13.2	13.2	83.7	83.8	6.3	11.2	11									
						7.8	0.6	168	26.3		7.9	7.9	13.2	13.2	83.9	83.8	6.3	12.4	12									
SR4A	Rainy	Moderate	13:32	8.8	Surface	1.0	0.0	18	26.4	26.4	8.0	8.0	16.7	16.7	82.9	82.9	6.1	6.1	9.3	12.4	5	5	817176	807802				
						1.0	0.1	11	26.4		8.0	8.0	16.7	16.7	82.9	82.9	6.1		10.0									
					Middle	4.4	0.0	33	26.4	26.4	8.0	8.0	16.9	16.9	82.7	82.7	6.1	12.4	5									
						4.4	-	30	26.4		8.0	8.0	16.9	16.9	82.6	82.6	6.1	12.0	6									
					Bottom	7.8	0.0	49	26.4	26.4	8.0	8.0	16.9	16.9	82.4	82.4	6.0	15.3	5									
						7.8	0.1	49	26.4		8.0	8.0	16.8	16.9	82.4	82.4	6.0	15.4	4									
SR8	Rainy	Moderate	12:42	4.2	Surface	1.0	-	-	26.1	26.1	7.9	7.9	9.5	9.5	82.8	83.0	6.4	6.4	7.1	8.0	4	5	820375	811599				
						1.0	-	-	26.1		7.9	7.9	9.5	9.5	83.1	83.1	6.4		7.1									
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-		
						-	-	-	-		-	-	-	-	-	-	-	-	-	-	-				-	-		
					Bottom	3.2	-	-	26.3	26.3	7.9	7.9	11.4	11.3	85.2	87.2	6.5	9.0	6									
						3.2	-	-	26.3		7.9	7.9	11.3	11.3	89.1	87.2	6.8	8.9	5									

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 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 14 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	05:32	8.0	Surface	1.0	0.2	42	26.1	26.1	8.0	8.0	15.9	16.7	80.6	80.6	5.9	5.6	7.4	9.7	4	4	815623	804251
						1.0	0.2	49	26.1		8.0	8.0	17.5	16.7	80.6	80.6	5.9		7.5					
					Middle	4.0	0.3	53	25.9	25.9	8.0	8.0	20.7	20.8	73.8	73.8	5.3	4.9	9.2	4				
						4.0	0.2	58	25.9		8.0	8.0	20.8	20.8	73.7	73.8	5.3		9.3	4				
					Bottom	7.0	0.3	16	25.7	25.7	8.0	8.0	22.1	22.2	68.0	67.8	4.9	4.9	12.3	4				
						7.0	0.3	10	25.7		8.0	8.0	22.4	22.2	67.5	67.8	4.9		12.6	3				
C2	Cloudy	Moderate	07:28	10.4	Surface	1.0	0.4	8	26.0	26.0	7.8	7.8	7.2	7.2	79.8	79.8	6.2	5.7	8.5	10.6	10	10	825688	806967
						1.0	0.4	1	26.0		7.8	7.8	7.2	7.2	79.8	79.8	6.2		8.5					
					Middle	5.2	0.4	347	26.0	26.0	7.9	7.9	16.9	16.9	70.5	70.5	5.2	5.2	9.9		10			
						5.2	0.5	342	26.0		7.9	7.9	16.8	16.9	70.4	70.5	5.2		9.6		11			
					Bottom	9.4	0.4	357	26.0	26.0	7.8	7.8	18.8	18.8	70.7	70.7	5.2	5.2	13.9		11			
						9.4	0.5	2	26.0		7.8	7.8	18.8	18.8	70.7	70.7	5.2		13.4		10			
C3	Misty	Moderate	05:07	9.4	Surface	1.0	0.3	254	25.9	25.9	7.8	7.8	16.6	16.6	75.2	75.1	5.6	5.5	4.9	5.6	11	11	822117	817796
						1.0	0.4	247	25.8		7.8	7.8	16.6	16.6	75.0	75.1	5.6		4.8					
					Middle	4.7	0.3	249	25.6	25.6	7.8	7.8	19.1	19.1	73.4	73.4	5.4	5.4	5.2		11			
						4.7	0.3	248	25.6		7.8	7.8	19.1	19.1	73.3	73.4	5.4		5.3		11			
					Bottom	8.4	0.3	272	25.5	25.5	7.8	7.8	21.2	21.3	73.2	73.8	5.3	5.4	6.8		12			
						8.4	0.3	278	25.5		7.8	7.8	21.3	21.3	74.3	73.8	5.4		6.8		13			
IM1	Cloudy	Moderate	05:56	6.3	Surface	1.0	0.2	17	26.2	26.2	8.0	8.0	14.0	14.0	83.8	83.7	6.3	5.1	6.6	8.9	3	4	818342	806468
						1.0	0.2	23	26.2		8.0	8.0	14.0	14.0	83.6	83.7	6.2		6.6					
					Middle	3.2	0.2	19	25.2	25.2	8.0	8.0	29.5	29.5	55.9	55.9	3.9	4.0	7.8		4			
						3.2	0.2	17	25.2		8.0	8.0	29.6	29.5	55.8	55.9	3.9		7.7		3			
					Bottom	5.3	0.2	31	25.1	25.1	8.0	8.0	30.9	30.9	58.0	58.1	4.0	4.0	12.9		5			
						5.3	0.2	33	25.1		8.0	8.0	30.9	30.9	58.1	58.1	4.0		12.1		4			
IM2	Cloudy	Moderate	06:03	6.8	Surface	1.0	0.1	350	26.5	26.5	8.1	8.1	13.8	13.8	92.2	92.2	6.9	5.5	4.9	9.4	10	9	819185	806236
						1.0	0.1	355	26.5		8.1	8.1	13.8	13.8	92.1	92.2	6.9		4.9					
					Middle	3.4	0.2	351	25.1	25.1	8.0	8.0	30.5	30.5	57.9	58.1	4.0	4.2	10.1		10			
						3.4	0.1	350	25.1		8.0	8.0	30.5	30.5	58.2	58.1	4.0		10.0		9			
					Bottom	5.8	0.1	9	25.1	25.1	8.0	8.0	30.7	30.7	59.7	59.8	4.1	4.2	13.5		7			
						5.8	0.2	7	25.1		8.0	8.0	30.7	30.7	59.9	59.8	4.2		13.1		7			
IM7	Cloudy	Moderate	06:42	8.0	Surface	1.0	0.2	7	26.3	26.3	7.9	7.9	10.8	10.8	83.5	83.5	6.3	6.3	9.5	10.5	10	10	821327	806852
						1.0	0.2	5	26.3		7.9	7.9	10.8	10.8	83.5	83.5	6.3		9.7					
					Middle	4.0	0.3	8	26.3	26.3	7.9	7.9	11.2	11.2	83.3	83.3	6.3	6.3	10.2		11			
						4.0	0.3	9	26.3		7.9	7.9	11.2	11.2	83.3	83.3	6.3		10.2		10			
					Bottom	7.0	0.2	349	26.3	26.3	7.9	7.9	11.4	11.4	83.6	83.6	6.3	6.3	11.8		10			
						7.0	0.2	342	26.3		7.9	7.9	11.4	11.4	83.6	83.6	6.3		11.7		11			

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Water Quality Monitoring

Water Quality Monitoring Results on 14 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Rainy	Moderate	06:34	8.4	Surface	1.0	0.4	291	26.1	26.1	7.9	7.9	9.6	9.6	81.2	79.5	6.2	6.0	3.4	3.4	11	11	822237	809841		
						1.0	0.4	292	26.1	7.9	7.9	9.7	9.6	77.7	79.5	6.0	6.0	3.5	3.5	10	10					
					Middle	4.2	0.4	286	26.0	26.0	7.9	7.9	12.8	12.8	77.2	77.3	5.8	5.8	5.1	5.1	10	10				
						4.2	0.4	289	26.0	26.0	7.9	7.9	12.8	12.8	77.3	77.3	5.8	5.8	5.1	5.1	10	10				
					Bottom	7.4	0.4	274	26.4	26.4	7.8	7.8	14.2	14.2	78.6	78.9	5.9	5.9	5.9	5.9	6.1	6.1			9	9
						7.4	0.5	277	26.4	26.4	7.8	7.8	14.2	14.2	79.2	78.9	5.9	5.9	5.9	5.9	6.1	6.1			8	8
IM11	Rainy	Moderate	06:12	6.6	Surface	1.0	0.5	266	26.0	26.0	7.8	7.8	13.3	13.4	75.2	75.2	5.7	5.7	4.0	4.0	13	13	821493	810548		
						1.0	0.5	262	26.0	26.0	7.8	7.8	13.4	13.4	75.2	75.2	5.7	5.7	3.9	3.9	12	12				
					Middle	3.3	0.4	286	26.0	26.0	7.8	7.8	14.7	14.7	75.9	76.1	5.7	5.7	4.5	4.5	4.3	4.3			12	12
						3.3	0.5	284	26.0	26.0	7.9	7.9	14.7	14.7	76.2	76.1	5.7	5.7	4.3	4.3	12	12				
					Bottom	5.6	0.5	268	26.0	26.0	7.9	7.9	14.7	14.7	78.3	78.5	5.8	5.9	5.9	5.9	5.3	5.3			11	11
						5.6	0.5	262	26.0	26.0	7.9	7.9	14.7	14.7	78.6	78.5	5.9	5.9	5.9	5.9	5.3	5.3			10	10
IM12	Rainy	Moderate	06:00	9.0	Surface	1.0	0.5	271	26.0	26.0	7.9	7.9	11.4	11.4	80.1	79.8	6.1	6.0	2.1	2.1	26	26	821174	811538		
						1.0	0.4	268	26.0	26.0	7.9	7.9	11.4	11.4	79.4	79.8	6.0	5.9	2.0	2.0	27	27				
					Middle	4.5	0.4	280	26.0	26.0	7.9	7.9	15.1	15.1	76.0	76.1	5.7	5.7	3.3	3.3	3.9	3.9			28	28
						4.5	0.4	283	26.0	26.0	7.9	7.9	15.0	15.1	76.2	76.1	5.7	5.7	3.3	3.3	3.8	3.8			27	27
					Bottom	8.0	0.4	286	26.0	26.0	7.9	7.9	15.8	15.8	78.3	78.6	5.8	5.9	5.9	5.9	4.1	4.1			30	30
						8.0	0.4	291	26.0	26.0	7.9	7.9	15.8	15.8	78.9	78.6	5.9	5.9	5.9	5.9	4.1	4.1			29	29
SR1A	Misty	Moderate	05:33	5.0	Surface	1.0	0.1	196	26.1	26.1	7.9	7.9	14.7	14.8	78.4	78.5	5.8	5.8	2.2	2.2	12	12	819983	812656		
						1.0	0.1	197	26.1	26.1	7.9	7.9	14.8	14.8	78.5	78.5	5.8	5.8	2.3	2.3	12	12				
					Middle	2.5	0.0	179	-	-	-	-	-	-	-	-	-	-	5.8	5.8	-	-			3.0	3.0
						2.5	0.0	181	-	-	-	-	-	-	-	-	-	-	5.8	5.8	-	-			3.0	3.0
					Bottom	4.0	0.1	172	26.1	26.1	7.9	7.9	15.2	15.2	80.3	80.5	6.0	6.0	6.0	6.0	3.9	3.9			11	11
						4.0	0.0	175	26.1	26.1	7.9	7.9	15.1	15.2	80.7	80.5	6.0	6.0	6.0	6.0	3.7	3.7			12	12
SR2	Misty	Moderate	05:15	5.0	Surface	1.0	0.1	264	26.0	26.0	7.9	7.9	13.0	13.0	78.7	78.6	5.9	5.9	4.1	4.1	10	10	821480	814156		
						1.0	0.1	258	26.0	26.0	7.9	7.9	13.0	13.0	78.5	78.6	5.9	5.9	4.1	4.1	11	11				
					Middle	-	0.1	270	-	-	-	-	-	-	-	-	-	-	5.9	5.9	-	-			4.6	4.6
						-	0.1	268	-	-	-	-	-	-	-	-	-	-	5.9	5.9	-	-			4.6	4.6
					Bottom	4.0	0.2	262	26.5	26.5	7.9	7.9	14.4	14.3	78.6	78.8	5.8	5.9	5.9	5.9	5.1	5.1			11	11
						4.0	0.1	267	26.5	26.5	7.9	7.9	14.3	14.3	78.9	78.8	5.9	5.9	5.9	5.9	5.1	5.1			12	12
SR3	Cloudy	Moderate	06:54	8.5	Surface	1.0	0.4	337	26.3	26.3	7.9	7.9	9.6	9.6	84.5	84.5	6.5	6.5	9.3	9.3	10	10	822150	807576		
						1.0	0.4	337	26.3	26.3	7.9	7.9	9.6	9.6	84.4	84.5	6.5	6.5	9.3	9.3	9	9				
					Middle	4.3	0.4	0	26.4	26.4	7.9	7.9	12.7	12.8	82.3	82.3	6.2	6.2	6.4	6.4	9.5	9.5			10.1	10.1
						4.3	0.4	359	26.4	26.4	7.9	7.9	12.8	12.8	82.3	82.3	6.2	6.2	6.4	6.4	9.8	9.8			9	9
					Bottom	7.5	0.4	338	26.4	26.4	7.9	7.9	13.3	13.3	82.5	82.6	6.2	6.2	6.2	6.2	11.3	11.3			8	8
						7.5	0.4	341	26.4	26.4	7.9	7.9	13.3	13.3	82.6	82.6	6.2	6.2	6.2	6.2	11.2	11.2			7	7
SR4A	Cloudy	Rough	05:14	8.2	Surface	1.0	0.0	175	26.4	26.4	8.0	8.0	11.3	11.3	88.5	88.4	6.7	6.7	7.1	7.1	6	6	817211	807803		
						1.0	0.0	180	26.3	26.4	8.0	8.0	11.4	11.3	88.3	88.4	6.7	6.7	7.5	7.5	5	5				
					Middle	4.1	0.0	169	25.3	25.3	7.9	7.9	28.7	28.8	57.6	57.7	4.0	4.0	5.4	5.4	9.7	9.7			10.4	10.4
						4.1	0.0	175	25.3	25.3	7.9	7.9	28.8	28.8	57.7	57.7	4.0	4.0	5.4	5.4	10.0	10.0			5	5
					Bottom	7.2	0.0	164	25.4	25.5	7.9	7.9	30.4	30.3	55.7	55.8	3.8	3.9	3.9	3.9	14.0	14.0			4	4
						7.2	0.1	161	25.5	25.5	7.9	7.9	30.3	30.3	55.9	55.8	3.9	3.9	3.9	3.9	14.3	14.3			3	3
SR8	Misty	Moderate	05:46	5.2	Surface	1.0	-	-	26.4	26.4	7.9	7.9	15.4	15.4	77.6	77.6	5.7	5.7	5.0	5.0	16	16	820399	811621		
						1.0	-	-	26.3	26.4	7.9	7.9	15.4	15.4	77.6	77.6	5.7	5.7	5.0	5.0	17	17				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	5.7	-	-			5.6	5.6
						-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	5.7	-	-			5.6	5.6
					Bottom	4.2	-	-	26.0	26.0	7.9	7.9	16.0	15.9	79.5	80.0	5.9	6.0	6.0	6.0	6.1	6.1			16	16
						4.2	-	-	26.0	26.0	7.9	7.9	15.9	15.9	80.5	80.0	6.0	6.0	6.0	6.0	6.1	6.1			15	15

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 16 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	13:55	8.8	Surface	1.0	0.7	218	26.3	26.3	7.9	7.9	7.7	7.5	75.2	75.1	5.8	5.5	6.6	7.0	7	8	815629	804266
						1.0	0.7	219	26.3		7.9		7.4		75.0		5.8		6.5		8			
					Middle	4.4	0.7	200	25.7	8.0	8.0	12.1	11.8	68.5	68.1	5.2	5.8	7						
						4.4	0.6	204	25.7	8.0	8.0	11.6	11.8	67.7	68.1	5.2	5.8	8						
					Bottom	7.8	0.8	202	24.9	8.0	8.0	25.5	25.4	57.4	57.5	4.1	4.1	8.4	7					
						7.8	0.7	202	24.9	8.0	8.0	25.3	25.4	57.6	57.5	4.1	4.1	8.8	7					
C2	Cloudy	Moderate	12:41	12.1	Surface	1.0	0.6	167	26.2	26.2	7.8	7.8	7.4	7.4	69.8	69.8	5.4	5.0	7.3	11.1	4	6	825673	806968
						1.0	0.6	161	26.2		7.8		7.3		69.8		5.4		7.4		5			
					Middle	6.1	0.5	164	25.7	7.9	7.9	16.5	16.5	61.8	61.8	4.6	4.6	11.3	6					
						6.1	0.5	169	25.7	7.9	7.9	16.5	16.5	61.8	61.8	4.6	4.6	11.3	6					
					Bottom	11.1	0.5	175	25.4	8.0	8.0	22.3	22.3	59.3	59.4	4.3	4.3	15.0	7					
						11.1	0.6	175	25.4	8.0	8.0	22.3	22.3	59.4	59.4	4.3	4.3	14.4	7					
C3	Fine	Moderate	13:43	9.0	Surface	1.0	0.6	76	25.9	25.9	7.5	7.5	16.2	16.2	77.0	77.0	5.7	5.7	6.1	7.1	5	6	822108	817787
						1.0	0.6	79	25.9		7.5		16.2		76.9		5.7		6.2		6			
					Middle	4.5	0.6	83	25.9	7.4	7.4	20.5	20.5	77.7	77.8	5.6	5.6	7.1	6					
						4.5	0.6	85	25.9	7.4	7.4	20.5	20.5	77.9	77.8	5.6	5.6	7.1	6					
					Bottom	8.0	0.6	55	25.9	7.2	7.1	20.6	20.6	80.5	81.0	5.8	5.9	8.1	7					
						8.0	0.6	49	25.9	7.1	7.1	20.5	20.6	81.4	81.0	5.9	5.9	8.1	6					
IM1	Cloudy	Moderate	13:29	7.1	Surface	1.0	0.4	182	25.9	25.9	8.0	8.0	15.4	15.4	72.2	72.2	5.4	4.7	5.6	9.1	7	8	818358	806455
						1.0	0.4	176	25.9		8.0		15.4		72.2		5.4		5.6		8			
					Middle	3.6	0.4	199	24.9	8.0	8.0	26.4	26.4	56.8	56.8	4.0	4.0	10.6	8					
						3.6	0.4	198	24.9	8.0	8.0	26.4	26.4	56.8	56.8	4.0	4.0	10.6	7					
					Bottom	6.1	0.4	188	24.8	8.0	8.0	28.2	28.2	52.6	52.6	3.7	3.7	11.3	8					
						6.1	0.4	191	24.8	8.0	8.0	28.2	28.2	52.6	52.6	3.7	3.7	11.3	8					
IM2	Cloudy	Moderate	13:23	7.8	Surface	1.0	0.5	181	26.1	26.1	8.0	8.0	13.1	13.1	75.0	74.9	5.6	4.7	4.7	7.2	7	7	819184	806213
						1.0	0.4	184	26.1		8.0		13.1		74.8		5.6		4.8		6			
					Middle	3.9	0.5	202	25.0	8.0	8.0	24.4	24.4	52.1	52.1	3.8	3.8	6.3	6					
						3.9	0.5	196	24.9	8.0	8.0	24.4	24.4	52.0	52.0	3.8	3.8	6.3	6					
					Bottom	6.8	0.4	196	24.8	8.0	8.0	28.2	28.2	52.1	52.3	3.7	3.7	10.9	7					
						6.8	0.4	189	24.8	8.0	8.0	28.2	28.2	52.4	52.3	3.7	3.7	10.4	7					
IM7	Cloudy	Moderate	13:04	8.0	Surface	1.0	0.3	156	26.1	26.1	7.8	7.8	6.4	6.4	75.0	75.0	5.9	5.5	7.8	8.6	5	6	821359	806847
						1.0	0.3	158	26.1		7.8		6.4		74.9		5.9		7.6		6			
					Middle	4.0	0.3	145	25.8	7.8	7.8	10.8	11.4	65.1	65.1	5.0	5.0	4.9	6					
						4.0	0.3	146	25.8	7.8	7.8	11.9	11.4	65.0	65.0	5.0	5.0	4.9	6					
					Bottom	7.0	0.3	146	25.2	7.9	7.9	20.4	20.5	55.1	55.2	4.0	4.0	13.1	6					
						7.0	0.2	147	25.2	7.9	7.9	20.6	20.5	55.2	55.2	4.0	4.0	13.3	6					

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 16 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA					
IM10	Fine	Moderate	12:43	8.2	Surface	1.0	0.6	116	26.2	26.2	7.3	7.3	7.8	7.8	78.5	78.4	6.1	5.7	6.7	7.4	5	6	822260	809817			
						1.0	0.6	109	26.2	7.3	7.3	7.8	7.8	78.2	78.4	6.1	5.7	6.6	7.4	6							
					Middle	4.1	0.6	107	26.1	26.1	7.2	7.1	13.6	13.6	69.2	69.1	5.2	5.1	7.6	7.4	5						
						4.1	0.6	104	26.1	26.1	7.1	7.1	13.5	13.6	69.0	69.1	5.2	5.1	7.7	7.4	5						
					Bottom	7.2	0.7	98	26.2	26.2	6.9	6.8	18.7	18.6	68.8	69.6	5.0	5.1	8.0	5.1	8.0				6		
						7.2	0.7	95	26.2	26.2	6.8	6.8	18.6	18.6	70.4	69.6	5.1	5.1	8.0	5.1	8.0				6		
IM11	Fine	Moderate	12:48	6.4	Surface	1.0	0.7	92	26.2	26.2	7.5	7.5	10.2	10.2	76.8	76.6	5.9	5.6	6.1	7.1	5	5	821487	810553			
						1.0	0.7	95	26.2	26.2	7.5	7.5	10.2	10.2	76.4	76.6	5.8	5.6	6.0	7.1	5						
					Middle	3.2	0.7	89	26.2	26.2	7.4	7.4	15.0	15.0	71.4	71.5	5.3	5.3	7.1	7.1	5						
						3.2	0.7	83	26.2	26.2	7.4	7.4	15.1	15.0	71.5	71.5	5.3	5.3	7.2	7.1	5						
					Bottom	5.4	0.7	118	26.4	26.4	7.3	7.3	15.1	15.1	73.2	73.2	5.4	5.4	8.1	5.4	8.1				7.1	5	
						5.4	0.7	119	26.4	26.4	7.3	7.3	15.1	15.1	73.2	73.2	5.4	5.4	8.0	5.4	8.0				7.1	5	
IM12	Fine	Moderate	12:53	8.0	Surface	1.0	0.8	94	26.4	26.4	7.6	7.6	9.2	9.1	72.7	72.6	5.6	5.1	5.3	6.3	6	6	821180	811542			
						1.0	0.8	92	26.4	26.4	7.6	7.6	9.1	9.1	72.4	72.6	5.6	5.1	5.3	6.3	6						
					Middle	4.0	0.8	78	26.4	26.5	7.6	7.6	13.5	13.5	61.1	61.0	4.6	4.5	6.2	6.3	6						
						4.0	0.7	72	26.5	26.5	7.6	7.6	13.5	13.5	60.9	61.0	4.5	4.5	6.3	6.3	6						
					Bottom	7.0	0.8	112	27.0	27.1	7.4	7.4	14.7	14.7	60.5	60.5	4.4	4.4	7.4	4.4	7.4				6.3	6	
						7.0	0.8	109	27.1	27.1	7.4	7.4	14.7	14.7	60.5	60.5	4.4	4.4	7.5	4.4	7.5				6.3	6	
SR1A	Fine	Moderate	13:05	5.4	Surface	1.0	0.0	66	26.5	26.5	7.0	6.9	10.5	10.5	77.4	77.4	5.9	5.9	6.4	6.7	5	5	819975	812661			
						1.0	0.0	62	26.5	26.5	6.9	6.9	10.5	10.5	77.4	77.4	5.9	5.9	6.4	6.7	6						
					Middle	2.7	0.0	92	-	-	-	-	-	-	-	-	-	-	-	-	-				-	6.7	-
						2.7	0.0	95	-	-	-	-	-	-	-	-	-	-	-	-	-				-	6.7	-
					Bottom	4.4	0.0	82	26.9	26.9	6.6	6.6	12.3	12.3	79.1	79.1	5.9	5.9	7.0	5.9	7.0				6.7	5	
						4.4	0.1	78	26.9	26.9	6.6	6.6	12.3	12.3	79.1	79.1	5.9	5.9	7.0	5.9	7.0				6.7	5	
SR2	Fine	Moderate	13:24	5.2	Surface	1.0	0.7	59	26.4	26.4	7.3	7.3	7.9	8.0	75.0	74.0	5.8	5.7	7.7	8.3	5	5	821480	814144			
						1.0	0.7	58	26.3	26.4	7.3	7.3	8.1	8.0	73.0	74.0	5.6	5.7	7.8	8.3	5						
					Middle	-	0.7	62	-	-	-	-	-	-	-	-	-	-	-	-	-				-	8.3	-
						-	0.7	64	-	-	-	-	-	-	-	-	-	-	-	-	-				-	8.3	-
					Bottom	4.2	0.7	37	26.1	26.2	6.9	6.9	15.5	15.4	70.4	70.8	5.2	5.3	8.9	5.3	8.9				8.3	5	
						4.2	0.6	40	26.3	26.2	6.9	6.9	15.2	15.4	71.1	70.8	5.3	5.3	8.9	5.3	8.9				8.3	6	
SR3	Cloudy	Moderate	12:58	8.9	Surface	1.0	0.5	150	26.2	26.2	7.9	7.9	6.6	6.7	73.7	73.6	5.8	5.2	7.6	8.6	4	4	822137	807575			
						1.0	0.5	149	26.1	26.2	7.9	7.9	6.7	6.7	73.5	73.6	5.7	5.2	7.4	8.6	5						
					Middle	4.5	0.6	160	25.6	25.6	7.9	7.9	14.1	14.2	60.9	60.9	4.6	4.6	7.5	5.2	7.5				8.6	4	
						4.5	0.6	163	25.6	25.6	7.9	7.9	14.2	14.2	60.9	60.9	4.6	4.6	7.6	5.2	7.6				8.6	4	
					Bottom	7.9	0.6	161	25.1	25.1	7.9	7.9	22.6	22.5	55.1	55.1	4.0	4.0	10.7	4.0	10.7				8.6	5	
						7.9	0.6	156	25.1	25.1	7.9	7.9	22.5	22.5	55.1	55.1	4.0	4.0	10.7	4.0	10.7				8.6	4	
SR4A	Cloudy	Moderate	14:10	9.3	Surface	1.0	0.1	79	26.1	26.1	7.9	7.9	12.5	12.4	72.7	72.6	5.5	4.7	5.5	9.5	6	7	817176	807818			
						1.0	0.0	79	26.1	26.1	7.9	7.9	12.4	12.4	72.5	72.6	5.5	4.7	5.5	9.5	7						
					Middle	4.7	-	88	25.1	25.1	8.0	8.0	27.0	27.0	53.6	53.8	3.8	3.8	10.1	4.7	10.1				9.5	6	
						4.7	-	87	25.1	25.1	8.0	8.0	27.0	27.0	54.0	53.8	3.8	3.8	10.2	4.7	10.2				9.5	7	
					Bottom	8.3	0.1	87	24.8	24.8	8.0	8.0	27.7	27.7	51.4	51.5	3.6	3.7	12.9	3.7	12.9				9.5	7	
						8.3	0.1	89	24.8	24.8	8.0	8.0	27.7	27.7	51.5	51.5	3.7	3.7	13.0	3.7	13.0				9.5	7	
SR8	Fine	Moderate	12:57	5.0	Surface	1.0	-	-	26.8	26.8	7.1	7.1	10.5	10.5	69.9	69.8	5.3	5.3	6.9	7.1	5	6	820412	811613			
						1.0	-	-	26.8	26.8	7.1	7.1	10.5	10.5	69.7	69.8	5.3	5.3	6.9	7.1	5						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	7.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	7.1	-
					Bottom	4.0	-	-	27.1	27.1	6.6	6.6	12.3	12.2	67.6	66.6	5.0	5.0	7.2	5.0	7.2				7.1	6	
						4.0	-	-	27.0	27.1	6.6	6.6	12.2	12.2	65.5	66.6	4.9	4.9	7.3	5.0	7.3				7.1	6	

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Water Quality Monitoring

Water Quality Monitoring Results on 16 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	07:29	8.0	Surface	1.0	0.4	32	25.5	25.5	7.9	7.9	11.9	11.7	66.1	66.0	5.1	4.5	7.5	10.9	5	5	815615	804237
						1.0	0.4	30	25.5		7.9	7.9	11.6	11.7	65.9	66.0	5.1		7.6					
					Middle	4.0	0.3	14	24.8	24.8	8.0	8.0	28.3	28.3	54.9	55.0	3.9	4.1	11.7	5				
						4.0	0.3	11	24.8		8.0	8.0	28.3	28.3	55.0	55.0	3.9		11.5					
					Bottom	7.0	0.3	57	24.8	24.8	7.9	7.9	28.2	28.2	57.4	57.6	4.1	4.1	13.8	6				
						7.0	0.4	57	24.8		7.9	7.9	28.2	28.2	57.8	57.6	4.1		13.2	5				
C2	Cloudy	Moderate	08:36	11.2	Surface	1.0	0.4	3	26.1	26.1	7.7	7.7	6.6	6.6	68.7	68.7	5.4	5.1	7.1	9.3	6	6	825701	806945
						1.0	0.4	359	26.1		7.7	7.7	6.6	6.6	68.6	68.7	5.4		7.1					
					Middle	5.6	0.4	334	25.8	25.8	7.8	7.8	13.6	13.5	61.9	61.9	4.7	4.1	9.6		6			
						5.6	0.4	332	25.7		7.8	7.8	13.3	13.5	61.9	61.9	4.7		9.6					
					Bottom	10.2	0.4	332	25.2	25.2	8.0	8.0	23.1	24.2	56.9	57.0	4.1	4.1	11.2		6			
						10.2	0.4	337	25.2		8.0	8.0	25.3	24.2	57.1	57.0	4.1		11.0		6			
C3	Misty	Moderate	07:36	9.2	Surface	1.0	0.5	263	26.0	26.0	7.8	7.8	12.5	12.5	74.5	74.4	5.6	5.5	4.1	5.5	4	4	822106	817817
						1.0	0.5	268	26.0		7.8	7.8	12.6	12.5	74.3	74.4	5.6		4.2					
					Middle	4.6	0.5	252	25.4	25.4	7.8	7.8	21.0	21.0	72.6	72.5	5.3	4.8	5.6		4			
						4.6	0.5	246	25.3		7.8	7.8	21.0	21.0	72.4	72.5	5.3		5.7					
					Bottom	8.2	0.5	237	25.2	25.2	7.7	7.7	30.0	30.0	69.4	69.5	4.8	4.8	6.7		4			
						8.2	0.5	233	25.2		7.7	7.7	29.9	30.0	69.5	69.5	4.8		6.6		4			
IM1	Cloudy	Moderate	07:43	7.1	Surface	1.0	0.3	23	25.6	25.6	7.9	7.9	12.3	12.3	67.5	67.5	5.1	4.8	5.4	9.0	4	5	818358	806436
						1.0	0.3	24	25.6		7.9	7.9	12.3	12.3	67.4	67.5	5.1		5.6					
					Middle	3.6	0.3	7	25.2	25.2	8.0	8.0	19.1	19.1	59.8	59.8	4.4	3.9	7.1		5			
						3.6	0.3	13	25.1		8.0	8.0	19.1	19.1	59.8	59.8	4.4		7.2					
					Bottom	6.1	0.3	39	24.8	24.8	8.0	8.0	27.9	27.9	54.8	54.9	3.9	4.0	14.3		6			
						6.1	0.3	34	24.8		8.0	8.0	27.9	27.9	55.0	54.9	3.9		14.5		4			
IM2	Cloudy	Moderate	07:49	6.8	Surface	1.0	0.3	26	25.8	25.8	7.9	7.9	11.1	11.1	70.5	70.5	5.4	4.9	4.3	6.8	5	5	819184	806257
						1.0	0.4	29	25.8		7.9	7.9	11.1	11.1	70.4	70.5	5.4		4.5					
					Middle	3.4	0.3	28	25.3	25.3	7.9	7.9	20.0	20.0	60.3	60.4	4.4	4.0	7.7		4			
						3.4	0.3	26	25.2		7.9	7.9	20.0	20.0	60.4	60.4	4.4		7.7					
					Bottom	5.8	0.3	40	24.9	24.9	8.0	8.0	24.3	25.6	56.1	56.3	4.0	4.3	8.4		5			
						5.8	0.3	33	24.9		8.0	8.0	26.9	25.6	56.4	56.3	4.0		8.4		5			
IM7	Cloudy	Moderate	08:10	8.0	Surface	1.0	0.3	9	25.6	25.6	7.8	7.8	10.2	10.2	66.2	66.2	5.1	4.8	8.9	11.2	6	6	821336	806849
						1.0	0.3	15	25.6		7.8	7.8	10.2	10.2	66.2	66.2	5.1		8.9					
					Middle	4.0	0.3	347	25.5	25.5	7.9	7.9	15.6	15.6	58.8	58.8	4.4	4.3	12.5		6			
						4.0	0.2	353	25.5		7.9	7.9	15.6	15.6	58.8	58.8	4.4		12.5					
					Bottom	7.0	0.2	17	25.3	25.3	7.9	7.9	21.2	21.2	58.8	59.0	4.3	4.3	12.3		6			
						7.0	0.2	15	25.3		7.9	7.9	21.2	21.2	59.1	59.0	4.3		12.1		6			

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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 16 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Misty	Moderate	08:47	8.8	Surface	1.0	0.3	299	26.2	26.2	7.3	7.3	7.7	7.7	73.5	73.4	5.7	5.6	7.2	8.3	5	5	822221	809838
						1.0	0.4	302	26.2		7.3	7.3	7.7	7.7	73.3	73.4	5.7		7.3					
					Middle	4.4	0.4	290	26.2	26.2	7.1	7.1	13.2	13.2	72.8	73.1	5.5	6.0	8.4	5				
						4.4	0.4	292	26.2		7.1	7.1	13.2	13.2	73.4	73.1	5.5		8.4					
					Bottom	7.8	0.4	288	26.2	26.2	6.8	6.8	14.8	14.7	79.4	80.0	5.9	5.7	9.1	6				
						7.8	0.3	285	26.2		6.7	6.8	14.7	14.7	80.5	80.0	6.0		9.1					
IM11	Misty	Moderate	08:39	8.0	Surface	1.0	0.4	263	26.2	26.2	7.6	7.6	9.6	9.6	69.9	69.8	5.4	5.2	4.6	5.4	4	5	821515	810540
						1.0	0.5	268	26.2		7.7	7.6	9.6	9.6	69.6	69.8	5.3		4.7					
					Middle	4.0	0.4	275	26.2	26.2	7.7	7.7	10.2	10.6	66.7	66.1	5.1	4.4	5.1	5				
						4.0	0.5	271	26.1		7.7	7.7	11.1	10.6	65.4	66.1	5.0		5.0					
					Bottom	7.0	0.4	296	26.1	26.1	7.5	7.5	16.2	16.2	59.7	59.5	4.4	5.7	6.5	5				
						7.0	0.4	291	26.0		7.5	7.5	16.1	16.2	59.2	59.5	4.4		6.5					
IM12	Misty	Moderate	08:32	8.8	Surface	1.0	0.5	280	26.1	26.1	7.6	7.6	10.4	10.4	76.6	76.6	5.9	5.5	6.1	7.2	5	5	821181	811517
						1.0	0.5	281	26.1		7.6	7.6	10.4	10.4	76.5	76.6	5.8		6.1					
					Middle	4.4	0.5	273	26.0	26.0	7.4	7.4	20.1	20.2	71.1	71.2	5.2	5.7	7.0	5				
						4.4	0.5	278	26.0		7.4	7.4	20.2	20.2	71.2	71.2	5.2		7.1					
					Bottom	7.8	0.5	270	25.9	25.9	7.1	7.0	20.6	20.6	76.6	77.5	5.6	5.7	8.4	5				
						7.8	0.5	271	25.9		7.0	7.0	20.5	20.6	78.3	77.5	5.7		8.5					
SR1A	Misty	Moderate	08:07	4.8	Surface	1.0	0.0	204	26.0	26.0	7.5	7.5	9.0	9.1	67.8	67.7	5.2	5.2	8.8	8.9	4	5	819971	812659
						1.0	0.0	207	26.0		7.5	7.5	9.1	9.1	67.5	67.7	5.2		8.7					
					Middle	2.4	-	205	-	-	-	-	-	-	-	-	-	5.0	-	4				
						2.4	0.0	207	-		-	-	-	-	-	-	-		-	-				
					Bottom	3.8	0.0	186	25.7	25.7	7.1	7.1	18.7	18.4	65.9	66.6	4.9	5.0	9.1	5				
						3.8	0.0	181	25.6		7.1	7.1	18.1	18.4	67.2	66.6	5.0		9.0					
SR2	Misty	Moderate	07:53	5.2	Surface	1.0	0.1	232	26.2	26.2	7.3	7.2	10.6	10.6	71.3	71.0	5.4	5.4	6.1	6.8	3	4	821439	814168
						1.0	0.1	225	26.1		7.2	7.2	10.6	10.6	70.6	71.0	5.4		6.3					
					Middle	-	0.1	225	-	-	-	-	-	-	-	-	-	4.9	-	4				
						-	0.1	227	-		-	-	-	-	-	-	-		-					
					Bottom	4.2	0.2	246	25.8	25.8	7.0	7.0	16.3	16.3	65.4	65.5	4.9	4.9	7.4	4				
						4.2	0.2	242	25.7		6.9	7.0	16.3	16.3	65.5	65.5	4.9		7.5					
SR3	Cloudy	Moderate	08:17	8.8	Surface	1.0	0.4	340	25.8	25.8	7.8	7.8	6.6	6.6	69.3	69.3	5.4	5.1	6.7	9.6	4	5	822126	807560
						1.0	0.3	342	25.8		7.8	7.8	6.6	6.6	69.3	69.3	5.4		6.8					
					Middle	4.4	0.4	354	25.8	25.8	7.8	7.8	13.0	13.0	62.2	62.2	4.7	4.8	8.3	4				
						4.4	0.4	354	25.8		7.8	7.8	13.0	13.0	62.2	62.2	4.7		8.4					
					Bottom	7.8	0.4	324	25.7	25.7	7.8	7.8	15.0	15.0	63.3	63.4	4.8	4.8	13.8	5				
						7.8	0.3	330	25.7		7.8	7.8	15.0	15.0	63.5	63.4	4.8		13.9					
SR4A	Cloudy	Moderate	07:11	9.3	Surface	1.0	0.0	227	25.6	25.6	7.8	7.8	9.7	9.7	69.1	69.1	5.3	4.7	6.3	9.8	4	4	817210	807812
						1.0	0.1	233	25.6		7.8	7.8	9.7	9.7	69.0	69.1	5.3		6.3					
					Middle	4.7	0.0	204	25.2	25.2	7.9	7.9	21.8	21.9	55.4	55.4	4.0	3.8	10.1	4				
						4.7	0.1	206	25.2		7.9	7.9	21.9	21.9	55.4	55.4	4.0		10.4					
					Bottom	8.3	0.0	239	25.0	25.0	7.9	7.9	24.9	24.9	53.2	53.2	3.8	4.4	12.6	4				
						8.3	0.0	231	25.0		7.9	7.9	24.9	24.9	53.2	53.2	3.8		12.9					
SR8	Misty	Moderate	08:27	5.0	Surface	1.0	-	-	26.1	26.1	7.6	7.6	11.2	11.0	61.9	61.6	4.7	4.7	8.6	8.9	4	4	820380	811607
						1.0	-	-	26.0		7.6	7.6	10.8	11.0	61.2	61.6	4.7		8.6					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	4.4	-	4				
						-	-	-	-		-	-	-	-	-	-	-		-					
					Bottom	4.0	-	-	25.9	25.9	7.4	7.4	15.5	15.4	59.4	59.0	4.4	4.4	9.1	4				
						4.0	-	-	25.8		7.4	7.4	15.3	15.4	58.5	59.0	4.4		9.2					

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Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 18 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Misty	Calm	15:11	8.4	Surface	1.0	0.6	221	26.2	26.3	7.9	7.9	10.2	10.1	72.5	71.0	5.5	5.0	6.2	7.3	5	5	815608	804267
						1.0	0.7	216	26.3		7.9		7.9		10.0		69.5		5.3		6.5			
					Middle	4.2	0.6	201	24.9	7.9	7.9	25.3	25.3	64.2	64.5	4.6	5.4	7.4	5					
						4.2	0.7	196	24.8	7.9	7.9	25.3		64.7		4.6		7.5						
					Bottom	7.4	0.6	232	24.8	7.9	7.9	28.5	28.5	73.2	76.4	5.2	5.4	8.2	6					
						7.4	0.6	239	24.8	7.9	7.9	28.4		79.5		5.6		8.1	5					
C2	Misty	Calm	14:24	10.0	Surface	1.0	0.5	168	25.9	25.9	7.7	7.7	6.2	6.2	76.4	76.2	6.0	5.6	3.1	4.2	4	5	825702	806946
						1.0	0.5	162	25.9		7.7		7.7		6.2		76.0		6.0		3.1			
					Middle	5.0	0.4	185	25.7	7.7	7.7	9.8	9.8	67.6	67.6	5.2	5.1	4.1	5					
						5.0	0.5	191	25.7	7.8	7.7	9.9		67.5		5.2		4.2						
					Bottom	9.0	0.5	153	25.8	7.7	7.7	20.9	21.0	69.3	70.1	5.0	5.1	5.3	6					
						9.0	0.5	157	25.8	7.7	7.7	21.0		70.8		5.1		5.4	5					
C3	Cloudy	Moderate	15:31	11.2	Surface	1.0	0.5	62	26.5	26.5	8.2	8.2	11.0	11.0	80.1	80.1	6.1	5.3	7.6	10.3	5	4	822090	817795
						1.0	0.6	62	26.5		8.2		8.2		11.0		80.0		6.0		7.6			
					Middle	5.6	0.6	53	25.4	8.3	8.2	27.5	27.6	65.7	65.8	4.6	4.6	12.3	4					
						5.6	0.5	49	25.3	8.2	8.2	27.7		65.8		4.6		12.2						
					Bottom	10.2	0.5	47	25.3	8.2	8.2	28.3	28.4	65.7	65.7	4.6	4.6	11.1	4					
						10.2	0.6	45	25.3	8.2	8.2	28.4		65.7		4.6		11.1	4					
IM1	Misty	Calm	15:03	7.2	Surface	1.0	0.3	193	25.8	25.8	7.8	7.8	15.3	14.9	66.7	66.1	5.0	4.8	5.0	6.5	5	5	818366	806472
						1.0	0.3	197	25.8		7.9		7.8		14.5		65.5		5.0		5.0			
					Middle	3.6	0.3	193	24.9	7.9	7.9	25.2	25.3	64.0	64.9	4.6	5.4	6.7	5					
						3.6	0.3	193	24.9	7.9	7.9	25.4		65.7		4.7		6.7						
					Bottom	6.2	0.3	212	24.9	7.9	7.9	28.7	28.5	74.5	77.0	5.2	5.4	7.8	4					
						6.2	0.3	212	25.1	7.9	7.9	28.3		79.4		5.6		7.8	4					
IM2	Misty	Calm	14:59	7.0	Surface	1.0	0.3	198	25.1	25.1	7.9	7.9	18.6	18.5	62.7	62.5	4.7	4.6	7.2	8.2	3	4	819193	806245
						1.0	0.3	192	25.1		7.9		7.9		18.4		62.3		4.6		7.2			
					Middle	3.5	0.3	173	24.9	7.9	7.9	26.7	26.8	62.0	64.0	4.4	5.3	8.4	5					
						3.5	0.2	176	24.9	7.9	7.9	26.8		65.9		4.7		8.3						
					Bottom	6.0	0.3	198	24.9	7.9	7.9	27.2	27.0	71.3	73.3	5.1	5.3	9.1	5					
						6.0	0.3	197	24.9	7.9	7.9	26.9		75.2		5.4		9.1	5					
IM7	Misty	Calm	14:43	7.4	Surface	1.0	0.3	148	25.9	25.9	7.7	7.7	8.2	8.2	72.9	72.9	5.7	5.7	6.2	7.2	5	4	821361	806840
						1.0	0.3	143	25.9		7.7		7.7		8.2		72.8		5.7		6.3			
					Middle	3.7	0.3	158	25.7	7.8	7.8	8.4	8.4	72.3	72.4	5.6	5.8	7.3	4					
						3.7	0.2	164	25.7	7.8	7.8	8.4		72.5		5.6		7.2						
					Bottom	6.4	0.3	170	25.6	7.7	7.7	16.7	16.4	76.6	78.0	5.7	5.8	8.0	3					
						6.4	0.4	163	25.7	7.7	7.7	16.2		79.3		5.9		8.1	3					

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Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA					
IM10	Cloudy	Moderate	14:21	7.2	Surface	1.0	0.6	89	26.5	26.5	8.0	8.0	7.2	7.2	79.6	79.6	6.2	5.8	7.3	8.7	4	3	822218	809832			
						1.0	0.6	93	26.4	8.1	8.1	7.2	7.2	79.6	79.6	6.2	5.8	7.3	8.7	3							
					Middle	3.6	0.5	106	26.3	26.3	8.1	8.1	10.7	10.7	70.0	70.0	5.3	5.3	6.3	4	3						
						3.6	0.6	111	26.3	26.3	8.1	8.1	10.7	10.7	69.9	70.0	5.3	5.3	6.5	4	3						
					Bottom	6.2	0.6	107	25.8	25.8	8.0	8.0	19.1	19.1	61.9	62.0	4.5	4.5	12.6	4.5	3						
						6.2	0.6	104	25.8	25.8	8.0	8.0	19.1	19.1	62.0	62.0	4.5	4.5	12.1	4.5	3						
IM11	Cloudy	Moderate	14:28	8.1	Surface	1.0	0.7	92	26.6	26.6	8.1	8.1	7.0	7.0	79.8	79.8	6.2	5.5	9.1	10.1	3	3	821516	810539			
						1.0	0.7	93	26.6	8.1	8.1	7.0	7.0	79.8	79.8	6.2	5.5	9.1	10.1	3							
					Middle	4.1	0.7	87	26.0	26.0	8.0	8.0	14.5	14.5	63.7	63.7	4.8	4.8	9.3	4.6	2						
						4.1	0.7	84	26.0	26.0	8.0	8.0	14.5	14.5	63.6	63.7	4.8	4.8	9.5	4.6	3						
					Bottom	7.1	0.7	110	25.9	25.9	8.0	8.0	16.7	16.7	62.6	62.7	4.6	4.6	11.7	4.6	3						
						7.1	0.8	113	25.9	25.9	8.0	8.0	16.7	16.7	62.8	62.7	4.6	4.6	11.9	4.6	2						
IM12	Cloudy	Moderate	14:33	8.8	Surface	1.0	0.8	111	26.6	26.6	8.0	8.0	8.0	8.0	78.4	78.4	6.0	5.7	7.6	10.2	4	3	821185	811531			
						1.0	0.8	116	26.5	26.6	8.0	8.0	8.0	8.0	78.4	78.4	6.0	5.7	7.6	10.2	3						
					Middle	4.4	0.8	85	26.1	26.1	8.0	8.0	10.6	10.6	69.0	69.0	5.3	5.3	9.3	4.7	3						
						4.4	0.8	86	26.1	26.1	8.0	8.0	10.6	10.6	68.9	69.0	5.3	5.3	9.4	4.7	3						
					Bottom	7.8	0.8	114	26.0	26.0	7.9	7.9	15.9	15.9	63.3	63.3	4.7	4.7	13.2	4.7	3						
						7.8	0.8	114	26.0	26.0	7.9	7.9	15.9	15.9	63.3	63.3	4.7	4.7	13.9	4.7	2						
SR1A	Cloudy	Moderate	15:00	5.5	Surface	1.0	0.0	89	26.5	26.5	8.0	8.0	9.0	9.0	77.0	77.0	5.9	5.9	7.7	8.2	3	3	819976	812654			
						1.0	0.0	95	26.5	26.5	8.0	8.0	9.0	9.0	77.0	77.0	5.9	5.9	7.7	8.2	3						
					Middle	2.8	0.0	93	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3
						2.8	0.1	86	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3
					Bottom	4.5	0.0	75	26.4	26.4	7.9	7.9	9.9	9.9	73.0	73.0	5.6	5.6	8.6	5.6	3						
						4.5	0.0	68	26.4	26.4	7.9	7.9	9.9	9.9	73.0	73.0	5.6	5.6	8.6	5.6	3						
SR2	Cloudy	Moderate	15:15	4.5	Surface	1.0	0.7	50	26.6	26.6	8.0	8.0	8.1	7.8	80.7	80.7	6.2	6.2	7.7	7.6	2	3	821443	814185			
						1.0	0.7	47	26.6	26.6	8.0	8.0	7.5	7.8	80.7	80.7	6.2	6.2	7.8	7.6	2						
					Middle	-	0.7	56	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3
						-	0.7	53	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3
					Bottom	3.5	0.7	61	26.3	26.3	7.9	7.9	14.7	14.6	67.9	68.5	5.1	5.1	7.5	5.1	7.6				7.2	4	
						3.5	0.7	58	26.3	26.3	7.9	7.9	14.5	14.6	69.1	68.5	5.1	5.1	7.6	5.1	7.6				7.2	4	
SR3	Misty	Calm	14:38	8.6	Surface	1.0	0.5	163	25.9	25.9	7.7	7.7	7.9	7.9	73.9	73.9	5.8	5.5	6.6	7.2	3	4	822149	807570			
						1.0	0.5	160	25.9	25.9	7.7	7.7	7.9	7.9	73.8	73.9	5.7	5.5	6.5	7.2	3						
					Middle	4.3	0.6	146	25.6	25.6	7.7	7.7	11.6	11.6	67.6	67.7	5.2	5.2	7.1	5.2	7.1				7.2	4	
						4.3	0.5	140	25.6	25.6	7.8	7.7	11.7	11.6	67.8	67.7	5.2	5.2	7.1	5.2	7.1				7.2	4	
					Bottom	7.6	0.5	145	25.6	25.6	7.7	7.7	15.7	15.6	75.6	78.2	5.7	5.9	8.0	5.9	8.1				7.2	4	
						7.6	0.6	149	25.6	25.6	7.7	7.7	15.5	15.6	80.8	78.2	6.1	5.9	8.1	5.9	8.1				7.2	4	
SR4A	Misty	Calm	15:24	9.0	Surface	1.0	0.0	75	25.0	25.0	7.9	7.9	12.3	12.5	64.4	62.4	5.0	4.6	7.3	8.3	4	4	817178	807801			
						1.0	0.0	77	25.0	25.0	7.9	7.9	12.6	12.5	60.4	62.4	4.6	4.6	7.2	8.3	5						
					Middle	4.5	0.1	67	24.9	24.9	7.9	7.9	27.3	27.3	61.2	61.7	4.3	4.3	8.6	4.9	4						
						4.5	0.1	61	24.9	24.9	7.9	7.9	27.4	27.3	62.2	61.7	4.4	4.3	8.7	4.9	4						
					Bottom	8.0	0.0	57	24.9	24.9	7.9	7.9	27.5	27.4	68.5	68.9	4.9	4.9	9.1	4.9	4						
						8.0	0.0	56	24.9	24.9	7.9	7.9	27.4	27.4	69.2	68.9	4.9	4.9	9.1	4.9	4						
SR8	Cloudy	Moderate	14:38	5.1	Surface	1.0	-	-	26.9	26.9	8.2	8.2	10.1	10.1	78.0	78.0	5.9	5.9	7.8	9.7	3	4	820402	811611			
						1.0	-	-	26.8	26.9	8.2	8.2	10.1	10.1	78.0	78.0	5.9	5.9	7.9	9.7	4						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
					Bottom	4.1	-	-	26.5	26.6	8.5	8.5	11.7	11.7	71.1	71.1	5.4	5.4	11.4	5.4	11.4				9.7	4	
						4.1	-	-	26.6	26.6	8.5	8.5	11.7	11.7	71.1	71.1	5.4	5.4	11.6	5.4	11.6				9.7	4	

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 18 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Misty	Calm	09:27	7.0	Surface	1.0	0.5	19	25.2	25.2	7.8	7.8	7.7	7.7	70.1	69.5	5.5	5.1	4.8	6.3	3	4	815602	804267
						1.0	0.5	15	25.2		7.9	7.7	68.8	5.4	4.7									
					Middle	3.5	0.5	32	25.2	25.2	7.9	7.9	19.2	19.2	63.5	63.6	4.7	4.8	6.6	5				
						3.5	0.4	33	25.2		7.9	7.7	19.3	19.2	63.6	63.6	4.7		6.6	4				
					Bottom	6.0	0.4	46	25.4	25.4	7.8	7.8	27.5	27.4	66.4	67.4	4.7	4.8	7.7	4				
						6.0	0.4	45	25.4		7.8	7.8	27.4	27.4	68.3	67.4	4.8		7.6	5				
C2	Misty	Calm	10:15	9.8	Surface	1.0	0.6	353	25.9	25.9	7.7	7.7	6.2	6.1	71.4	71.4	5.6	5.6	2.1	3.4	4	4	825661	806929
						1.0	0.6	359	25.9		7.7	7.7	6.1	6.1	71.4	71.4	5.6		2.2		4			
					Middle	4.9	0.5	341	25.9	25.9	7.7	7.7	9.4	9.5	72.0	72.1	5.6	6.1	3.4	4				
						4.9	0.6	341	25.9		7.7	7.7	9.6	9.5	72.1	72.1	5.6		3.5	5				
					Bottom	8.8	0.5	14	25.9	25.9	7.6	7.6	11.6	11.5	79.3	80.1	6.0	6.1	4.7	4				
						8.8	0.5	6	25.9		7.6	7.6	11.4	11.5	80.9	80.1	6.2		4.6	5				
C3	Cloudy	Moderate	08:41	11.2	Surface	1.0	0.5	263	26.2	26.2	8.0	8.0	6.4	6.4	77.6	77.5	6.1	5.8	8.6	10.5	5	5	822098	817811
						1.0	0.5	264	26.2		8.0	8.0	6.4	6.4	77.3	77.5	6.0		8.6		4			
					Middle	5.6	0.6	258	26.0	26.0	8.0	8.0	9.9	9.9	72.9	72.9	5.6	4.9	10.8	4				
						5.6	0.5	258	26.0		8.0	8.0	9.9	9.9	72.8	72.9	5.6		11.1	5				
					Bottom	10.2	0.6	253	25.9	25.9	8.0	8.0	18.7	18.7	66.7	66.8	4.9	4.9	12.1	5				
						10.2	0.6	258	25.9		8.0	8.0	18.7	18.7	66.8	66.8	4.9		11.9	4				
IM1	Misty	Calm	09:34	6.4	Surface	1.0	0.3	17	25.6	25.6	7.6	7.6	6.5	6.5	71.2	71.2	5.6	5.5	5.5	6.2	3	4	818338	806455
						1.0	0.3	19	25.6		7.6	7.6	6.5	6.5	71.1	71.2	5.6		5.6		3			
					Middle	3.2	0.3	28	25.6	25.6	7.8	7.8	13.5	13.8	71.2	71.5	5.4	5.6	6.1	4				
						3.2	0.3	25	25.6		7.8	7.8	14.0	13.8	71.7	71.5	5.4		6.2	3				
					Bottom	5.4	0.3	15	25.9	26.0	7.8	7.8	18.1	18.0	75.7	76.2	5.6	5.6	7.1	5				
						5.4	0.3	17	26.0		7.8	7.8	18.0	18.0	76.7	76.2	5.6		7.0	4				
IM2	Misty	Calm	09:38	7.2	Surface	1.0	0.4	11	25.6	25.6	7.7	7.7	6.5	6.5	71.3	71.4	5.6	5.6	6.2	7.2	4	4	819182	806230
						1.0	0.4	15	25.6		7.8	7.8	6.5	6.5	71.4	71.4	5.6		6.3		4			
					Middle	3.6	0.4	32	25.6	25.6	7.8	7.8	13.2	13.1	72.1	72.2	5.5	5.8	7.0	4				
						3.6	0.4	35	25.6		7.8	7.8	13.0	13.1	72.3	72.2	5.5		7.0	4				
					Bottom	6.2	0.3	30	26.1	26.2	7.7	7.7	15.2	15.1	76.2	76.9	5.7	5.8	8.2	4				
						6.2	0.3	26	26.2		7.7	7.7	15.0	15.1	77.5	77.5	5.8		8.3	3				
IM7	Misty	Calm	09:59	8.2	Surface	1.0	0.2	0	25.7	25.7	7.6	7.6	4.9	4.9	72.6	72.5	5.8	5.8	4.1	5.2	5	4	821364	806818
						1.0	0.2	357	25.7		7.6	7.6	4.9	4.9	72.4	72.5	5.7		4.1		4			
					Middle	4.1	0.2	353	25.9	26.0	7.6	7.6	7.6	7.7	75.7	76.0	5.9	6.2	5.4	5				
						4.1	0.2	0	26.0		7.6	7.6	7.7	7.7	76.3	76.0	5.9		5.4	4				
					Bottom	7.2	0.3	1	26.1	26.2	7.6	7.6	9.8	9.7	79.5	80.1	6.1	6.2	6.1	4				
						7.2	0.2	358	26.2		7.6	7.6	9.7	9.7	80.7	80.7	6.2		6.1	4				

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 18 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Cloudy	Moderate	10:08	7.6	Surface	1.0	0.5	279	26.2	26.2	8.0	8.0	6.7	6.6	74.7	74.7	5.8	5.8	7.6	10.7	4	4	822254	809817
						1.0	0.4	272	26.2		8.0		6.6		74.7		5.8		7.5					
					Middle	3.8	0.5	295	26.2	26.2	8.0	8.0	8.7	8.7	73.8	73.7	5.7	5.7	10.5	4	4			
						3.8	0.4	301	26.1		8.0		8.7		73.5		5.7		10.8					
					Bottom	6.6	0.5	305	26.1	26.1	7.9	7.9	15.8	15.8	66.2	66.2	4.9	4.9	14.0	4	4			
						6.6	0.5	304	26.1		7.9		15.8		66.2		4.9		14.0					
IM11	Cloudy	Moderate	10:02	7.9	Surface	1.0	0.5	289	26.2	26.2	8.0	8.0	7.4	7.4	76.5	76.5	5.9	5.9	7.6	7.7	4	3	821521	810548
						1.0	0.5	296	26.2		8.0		7.4		76.5		5.9		7.6					
					Middle	4.0	0.5	285	26.3	26.3	8.0	8.0	8.0	8.0	76.4	76.4	5.9	5.9	7.6	2	2			
						4.0	0.5	279	26.2		8.0		8.0		76.3		5.9		7.6					
					Bottom	6.9	0.5	261	26.2	26.2	8.0	8.0	13.7	13.6	70.2	70.2	5.3	5.3	7.8	2	2			
						6.9	0.5	265	26.2		8.0		13.6		70.2		5.3		7.9		3			
IM12	Cloudy	Moderate	09:56	7.9	Surface	1.0	0.5	266	26.3	26.3	8.1	8.1	8.0	8.0	77.8	77.8	6.0	5.8	7.5	7.3	3	4	821146	811528
						1.0	0.5	273	26.3		8.1		8.0		77.8		6.0		7.5					
					Middle	4.0	0.5	268	26.2	26.2	8.1	8.1	10.7	10.7	72.1	72.1	5.5	5.5	7.4	4	4			
						4.0	0.5	266	26.2		8.1		10.7		72.0		5.5		7.4					
					Bottom	6.9	0.5	258	25.9	25.9	8.1	8.1	19.0	19.0	65.0	65.0	4.7	4.7	7.1	4	4			
						6.9	0.4	257	25.9		8.1		19.0		65.0		4.7		7.1		4			
SR1A	Cloudy	Moderate	09:24	5.8	Surface	1.0	0.0	187	26.3	26.3	8.0	8.0	6.5	6.5	75.5	75.4	5.9	5.9	10.5	10.9	4	4	819980	812665
						1.0	0.0	182	26.3		8.0		6.5		75.2		5.9		10.7					
					Middle	2.9	-	206	-	-	-	-	-	-	-	-	-	-	-	-	-			
						2.9	0.0	212	-		-		-		-		-		-					
					Bottom	4.8	-	177	26.4	26.4	7.9	7.9	8.3	8.3	72.0	71.9	5.5	5.5	11.2	5.5	4			
						4.8	0.0	177	26.4		7.9		8.3		71.7		5.5		11.1		3			
SR2	Cloudy	Moderate	09:06	4.7	Surface	1.0	0.2	252	26.2	26.2	8.0	8.0	6.5	6.5	76.8	76.8	6.0	6.0	8.9	9.6	3	4	821449	814157
						1.0	0.2	259	26.1		8.0		6.5		76.7		6.0		9.0					
					Middle	-	0.2	258	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	0.2	250	-		-		-		-		-		-					
					Bottom	3.7	0.1	269	26.0	26.0	8.0	8.0	16.6	16.6	68.9	68.9	5.1	5.1	10.2	5.1	4			
						3.7	0.1	262	26.0		8.0		16.6		68.9		5.1		10.2		4			
SR3	Misty	Calm	10:04	7.4	Surface	1.0	0.3	341	25.7	25.7	7.7	7.7	4.8	4.8	70.1	70.0	5.6	5.5	3.6	4.5	4	3	822123	807585
						1.0	0.3	335	25.7		7.7		4.8		69.8		5.5		3.5					
					Middle	3.7	0.3	345	25.9	25.9	7.6	7.6	8.8	8.8	69.4	69.5	5.4	5.4	4.2	5.4	3			
						3.7	0.3	344	25.9		7.6		8.8		69.5		5.4		4.2					
					Bottom	6.4	0.3	318	26.0	26.0	7.6	7.6	12.0	11.9	76.5	77.2	5.8	5.9	5.7	5.9	3			
						6.4	0.3	312	26.0		7.6		11.9		77.9		5.9		5.8		2			
SR4A	Misty	Calm	09:07	9.2	Surface	1.0	0.0	199	25.2	25.2	7.8	7.8	7.7	7.7	72.5	71.9	5.7	5.3	6.5	7.3	4	4	817196	807814
						1.0	0.1	194	25.1		7.8		7.7		71.3		5.6		6.6					
					Middle	4.6	0.0	194	25.1	25.1	7.9	7.9	19.5	19.5	66.6	66.6	4.9	4.9	7.2	4.9	4			
						4.6	0.0	200	25.1		7.9		19.5		66.6		4.9		7.2		5			
					Bottom	8.2	0.0	186	25.5	25.6	7.8	7.8	27.3	27.2	69.7	70.9	4.9	5.0	8.0	5.0	4			
						8.2	0.0	178	25.6		7.8		27.2		72.1		5.1		8.0		5			
SR8	Cloudy	Moderate	09:48	5.5	Surface	1.0	-	-	26.2	26.2	8.0	8.0	7.6	7.6	71.8	71.8	5.6	5.6	8.5	9.6	4	4	820379	811619
						1.0	-	-	26.2		8.0		7.6		71.8		5.6		8.6					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	-	-	-		-		-		-		-		-					
					Bottom	4.5	-	-	26.1	26.1	8.0	8.0	10.1	10.1	66.2	66.2	5.1	5.1	10.7	5.1	4			
						4.5	-	-	26.1		8.0		10.1		66.1		5.1		10.7		3			

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 21 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	06:32	7.8	Surface	1.0	0.2	197	25.5	25.5	7.9	7.9	6.2	6.2	83.5	83.4	6.6	6.4	8.6	8.0	6	7	815617	804252
						1.0	0.3	203	25.5		7.9		6.2		83.3		6.6		8.5		6			
					Middle	3.9	0.2	196	25.6	25.6	7.9	7.9	7.8	7.8	77.5	77.5	6.1	5.3	5.9	7	7			
						3.9	0.2	196	25.6		7.9		7.8		77.4		6.1		5.9		8			
					Bottom	6.8	0.2	185	25.4	25.4	7.9	7.9	13.8	13.9	69.4	69.5	5.3	5.3	9.4	7	7			
						6.8	0.2	191	25.4		7.9		14.1		69.5		5.3		9.6		8			
C2	Cloudy	Moderate	07:48	10.4	Surface	1.0	0.4	178	25.2	25.2	7.9	7.9	1.9	1.9	77.8	77.7	6.3	5.4	7.5	7.8	7	7	825681	806924
						1.0	0.4	178	25.2		7.9		1.9		77.6		6.3		7.3		7			
					Middle	5.2	0.4	175	25.2	25.2	8.0	8.0	20.5	20.5	60.8	60.9	4.5	4.6	5.1	6	7			
						5.2	0.4	178	25.2		8.0		20.4		60.9		4.5		5.3		6			
					Bottom	9.4	0.4	193	25.2	25.2	8.0	8.0	23.8	23.8	64.0	64.1	4.6	4.6	11.0	6	6			
						9.4	0.4	191	25.2		8.0		23.8		64.2		4.6		10.6		6			
C3	Misty	Moderate	07:55	9.0	Surface	1.0	0.0	3	26.0	26.0	7.5	7.5	8.7	8.7	77.8	77.8	6.0	6.0	7.1	8.2	9	8	822102	817802
						1.0	0.0	357	26.0		7.5		8.6		77.8		6.0		7.2		8			
					Middle	4.5	0.1	2	26.0	26.0	7.4	7.4	9.1	9.2	77.7	77.8	6.0	6.2	8.1	7	9			
						4.5	0.1	5	26.0		7.4		9.2		77.8		6.0		8.2		8			
					Bottom	8.0	0.1	38	26.6	26.7	7.4	7.4	10.9	10.9	80.9	81.4	6.1	6.2	9.4	6	8			
						8.0	0.0	39	26.7		7.4		10.9		81.9		6.2		9.5		7			
IM1	Cloudy	Moderate	06:49	6.6	Surface	1.0	0.1	199	25.8	25.8	7.9	7.9	8.6	8.6	79.0	79.0	6.1	6.1	5.8	7.3	6	5	818331	806474
						1.0	0.2	191	25.7		7.9		8.6		78.9		6.1		5.7		6			
					Middle	3.3	0.2	200	25.7	25.7	7.9	7.9	10.4	10.4	77.8	77.5	6.0	4.1	5.4	4	5			
						3.3	0.2	204	25.7		7.9		10.4		77.2		6.0		5.7		6			
					Bottom	5.6	0.1	192	24.9	24.9	8.0	8.0	27.0	27.0	57.3	57.4	4.1	4.1	10.5	4	5			
						5.6	0.2	187	24.9		8.0		27.0		57.5		4.1		10.6		4			
IM2	Cloudy	Moderate	06:58	6.8	Surface	1.0	0.2	192	25.7	25.7	7.9	7.9	9.1	9.1	78.1	78.0	6.1	5.7	5.2	5.8	4	4	819178	806254
						1.0	0.2	190	25.7		7.9		9.1		77.9		6.0		5.2		4			
					Middle	3.4	0.2	187	25.4	25.4	7.9	7.9	13.5	13.7	70.4	70.3	5.3	4.4	5.7	4	4			
						3.4	0.2	190	25.4		7.9		13.9		70.2		5.3		5.6		4			
					Bottom	5.8	0.2	194	24.8	24.8	8.0	8.0	27.6	27.7	61.4	61.6	4.3	4.5	6.2	5	4			
						5.8	0.2	199	24.8		8.0		27.7		61.7		4.4		6.6		5			
IM7	Cloudy	Moderate	07:24	7.8	Surface	1.0	0.2	189	25.5	25.5	7.8	7.8	5.6	5.5	76.6	76.6	6.1	5.8	8.0	7.1	6	6	821347	806849
						1.0	0.2	188	25.5		7.8		5.5		76.6		6.1		7.7		6			
					Middle	3.9	0.2	196	25.5	25.5	7.8	7.8	8.6	8.6	69.2	69.1	5.4	4.5	5.9	6	6			
						3.9	0.2	189	25.4		7.8		8.6		68.9		5.4		6.1		7			
					Bottom	6.8	0.2	224	25.3	25.3	7.9	7.9	19.5	19.5	60.7	60.8	4.5	4.5	7.4	6	6			
						6.8	0.2	218	25.3		7.9		19.6		60.9		4.5		7.5		7			

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 21 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)					
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA									
IM10	Misty	Moderate	08:59	8.6	Surface	1.0	0.1	160	25.8	25.8	7.7	7.7	5.8	5.8	81.2	80.6	6.4	6.0	7.4	8.4	7	7	822228	809830					
						1.0	0.2	157	25.8		7.7	7.7	5.8	5.8	79.9	80.6	6.3		7.5										
					Middle	4.3	0.1	158	25.8	25.8	7.6	7.6	10.3	10.3	74.3	74.1	5.7	8.6											
						4.3	0.1	161	25.8		7.6	7.6	10.3	10.3	73.9	74.1	5.7	8.8											
					Bottom	7.6	0.1	153	25.8	25.8	7.5	7.5	17.3	16.9	78.3	80.2	5.8	9.1											
						7.6	0.1	146	25.8		7.5	7.5	16.5	16.9	82.0	80.2	6.1	9.0											
IM11	Misty	Moderate	08:53	8.2	Surface	1.0	0.1	81	26.0	26.0	7.7	7.7	8.2	8.2	81.8	81.6	6.3	5.9	6.4	7.6	4	5	821518	810567					
						1.0	0.1	77	26.0		7.7	7.7	8.2	8.2	81.3	81.6	6.3		6.5										
					Middle	4.1	0.1	91	26.2	26.3	7.7	7.7	11.1	11.1	72.2	72.1	5.5	7.7											
						4.1	0.2	96	26.3		7.8	7.7	11.1	11.1	72.0	72.1	5.4	7.7											
					Bottom	7.2	0.1	100	26.8	26.9	7.6	7.5	20.6	20.3	78.4	81.9	5.6	8.6											
						7.2	0.1	104	26.9		7.5	7.5	20.1	20.3	85.4	81.9	6.2	8.5											
IM12	Misty	Moderate	08:47	8.4	Surface	1.0	0.1	66	26.0	26.0	7.7	7.7	8.3	8.3	80.9	80.2	6.3	5.8	7.0	7.4	5	5	821166	811534					
						1.0	0.1	71	26.0		7.7	7.7	8.2	8.3	79.5	80.2	6.2		7.1										
					Middle	4.2	0.1	71	25.7	25.7	7.7	7.7	15.9	15.9	72.7	72.7	5.4	7.1											
						4.2	0.1	64	25.7		7.7	7.7	15.9	15.9	72.7	72.7	5.4	7.1											
					Bottom	7.4	0.1	74	25.7	25.7	7.6	7.6	22.3	22.2	78.1	79.4	5.6	8.1											
						7.4	0.1	74	25.7		7.5	7.6	22.0	22.2	80.7	79.4	5.8	8.0											
SR1A	Misty	Moderate	08:25	4.6	Surface	1.0	0.1	164	26.5	26.5	7.7	7.7	6.1	6.1	88.1	88.0	6.8	6.8	7.3	8.1	5	5	819980	812657					
						1.0	0.1	164	26.5		7.7	7.7	6.1	6.1	87.9	88.0	6.8		7.3										
					Middle	2.3	0.1	156	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-	-
						2.3	0.1	159	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-	-	-
					Bottom	3.6	0.0	179	26.9	26.9	7.6	7.6	9.5	9.4	90.5	91.7	6.9	8.9											
						3.6	0.0	177	26.9		7.6	7.6	9.3	9.4	92.8	91.7	7.1	8.9											
SR2	Misty	Moderate	08:11	5.4	Surface	1.0	0.2	48	26.0	26.0	7.5	7.5	8.3	8.3	77.2	77.2	6.0	6.0	6.4	7.1	7	6	821454	814166					
						1.0	0.2	42	26.0		7.5	7.5	8.4	8.3	77.2	77.2	6.0		6.5										
					Middle	-	0.2	37	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-	
						-	0.2	36	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-	-	
					Bottom	4.4	0.3	59	26.0	26.0	7.5	7.5	11.1	11.0	77.5	77.5	5.9	7.7											
						4.4	0.2	65	26.0		7.5	7.5	11.0	11.0	77.5	77.5	5.9	7.8											
SR3	Cloudy	Moderate	07:31	8.5	Surface	1.0	0.4	167	25.7	25.7	7.8	7.8	4.7	4.7	79.0	79.0	6.3	6.0	9.4	7.1	6	7	822139	807592					
						1.0	0.4	169	25.7		7.8	7.8	4.7	4.7	78.9	79.0	6.3		9.2										
					Middle	4.3	0.4	152	25.7	25.7	7.8	7.8	8.5	8.4	73.2	73.1	5.7	7.1											
						4.3	0.4	159	25.6		7.8	7.8	8.4	8.4	73.0	73.1	5.7	6.9											
					Bottom	7.5	0.4	162	25.4	25.4	7.9	7.9	18.8	18.8	64.2	64.2	4.7	5.0											
						7.5	0.4	154	25.4		7.9	7.9	18.8	18.8	64.2	64.2	4.7	5.0											
SR4A	Cloudy	Moderate	06:11	9.2	Surface	1.0	0.0	85	25.6	25.6	7.8	7.8	9.4	9.4	73.8	73.7	5.7	5.1	5.3	9.3	4	4	817183	807790					
						1.0	0.0	80	25.6		7.8	7.8	9.4	9.4	73.5	73.7	5.7		5.4										
					Middle	4.6	0.0	99	25.3	25.3	7.8	7.8	17.2	17.3	59.7	59.6	4.5	6.5											
						4.6	0.0	96	25.3		7.8	7.8	17.3	17.3	59.5	59.6	4.4	6.5											
					Bottom	8.2	0.1	75	24.9	24.9	7.9	7.9	27.5	27.5	52.2	52.2	3.7	16.1											
						8.2	0.1	68	24.9		7.9	7.9	27.5	27.5	52.2	52.2	3.7	16.0											
SR8	Misty	Moderate	08:43	5.6	Surface	1.0	-	-	26.4	26.5	7.7	7.7	7.2	7.2	83.6	83.5	6.5	6.5	8.5	8.8	5	5	820393	811640					
						1.0	-	-	26.5		7.7	7.7	7.2	7.2	83.4	83.5	6.4		8.5										
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-		
						-	-	-	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-		
					Bottom	4.6	-	-	26.8	26.9	7.6	7.6	13.0	12.6	87.2	88.1	6.5	9.1											
						4.6	-	-	26.9		7.6	7.6	12.3	12.6	88.9	88.1	6.7	9.0											

DA: Depth-Averaged

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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 21 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			
C1	Cloudy	Moderate	12:12	8.4	Surface	1.0	0.2	26	25.6	25.6	7.9	7.9	5.8	5.8	81.2	81.1	6.4	5.9	11.0	9.6	9	9	815604	804250	
						1.0	0.3	24	25.6		7.9	7.9	5.8	5.8	80.9	81.1	6.4		11.3		8				
					Middle	4.2	0.2	19	25.4	25.4	7.9	7.9	10.9	11.0	70.1	70.0	5.4	3.9	7.2	9	9				
						4.2	0.2	23	25.3		7.9	7.9	11.0		70.0	5.4	7.7		10						
					Bottom	7.4	0.2	48	24.8	24.8	8.0	8.0	28.9	28.9	55.6	55.7	3.9	4.4	10.3	4	9				
						7.4	0.2	42	24.8		8.0	8.0	28.9		55.7	3.9	10.2		10						
C2	Cloudy	Moderate	10:52	11.2	Surface	1.0	0.1	327	25.2	25.2	7.9	7.9	1.9	1.9	74.9	74.8	6.1	5.2	13.1	10.0	4	4	825678	806958	
						1.0	0.2	321	25.2		7.9	7.9	1.9	1.9	74.6	74.8	6.1		13.4		4				
					Middle	5.6	0.1	323	25.2	25.2	7.9	7.9	20.8	20.8	58.4	58.4	4.3	4.4	3.3		4				4
						5.6	0.0	320	25.2		7.9	7.9	20.8		58.4	4.3	3.4		4						
					Bottom	10.2	0.1	339	25.1	25.2	7.9	7.9	23.8	23.8	60.3	60.5	4.3	4.4	13.4		4				4
						10.2	0.1	338	25.2		7.9	7.9	23.8		60.6	60.5	4.4		13.4						5
C3	Misty	Moderate	12:13	9.0	Surface	1.0	0.4	269	26.2	26.2	7.9	7.9	7.4	7.4	91.9	91.8	7.1	7.1	4.1	5.5	8	7	822132	817820	
						1.0	0.3	264	26.1		7.9	7.9	7.4	7.4	91.6	91.8	7.1		4.1		7				
					Middle	4.5	0.4	270	26.1	26.1	7.9	7.9	9.2	9.3	91.5	91.8	7.0	7.1	5.3		4				6
						4.5	0.4	269	26.1		7.9	7.9	9.4		91.8	7.1	5.4		7						
					Bottom	8.0	0.4	278	26.1	26.1	7.8	7.8	17.6	17.3	94.5	95.3	7.0	7.1	7.0		4				5
						8.0	0.4	279	26.1		7.8	7.8	16.9		96.0	95.3	7.1		6.9						6
IM1	Cloudy	Moderate	11:50	6.7	Surface	1.0	0.2	22	25.6	25.6	7.9	7.9	6.5	6.5	83.4	83.4	6.6	6.6	7.2	8.3	8	7	818344	806461	
						1.0	0.2	16	25.6		7.9	7.9	6.5	6.5	83.4	83.4	6.6		7.2		7				
					Middle	3.4	0.2	9	25.8	25.8	7.9	7.9	8.0	8.0	83.3	83.1	6.5	6.0	8.0		4				8
						3.4	0.2	11	25.8		7.9	7.9	8.0		82.9	83.1	6.5		8.0						7
					Bottom	5.7	0.2	356	25.5	25.5	8.0	8.0	10.9	10.9	78.0	77.8	6.0	4.3	10.0		4				7
						5.7	0.1	353	25.5		8.0	8.0	11.0		77.5	77.8	6.0		9.5						7
IM2	Cloudy	Moderate	11:42	7.2	Surface	1.0	0.2	318	25.7	25.7	7.9	7.9	5.9	5.9	86.4	86.4	6.8	6.7	8.5	8.6	8	8	819176	806235	
						1.0	0.1	316	25.7		7.9	7.9	5.9	5.9	86.3	86.4	6.8		8.5		9				
					Middle	3.6	0.1	319	25.7	25.7	7.9	7.9	7.1	7.1	82.6	82.5	6.5	4.3	8.0		4				8
						3.6	0.1	325	25.7		7.9	7.9	7.2		82.4	82.5	6.5		8.1						8
					Bottom	6.2	0.1	342	25.0	25.0	8.0	8.0	18.8	19.8	59.5	58.9	4.4	4.2	9.2		4				8
						6.2	0.1	339	25.0		8.0	8.0	20.9		58.3	58.9	4.2		9.5						8
IM7	Cloudy	Moderate	11:14	8.1	Surface	1.0	0.2	274	25.7	25.7	7.8	7.8	5.0	5.0	79.8	79.7	6.3	5.9	10.2	8.7	8	7	821345	806844	
						1.0	0.1	268	25.7		7.8	7.8	5.0	5.0	79.6	79.7	6.3		10.2		8				
					Middle	4.1	0.2	248	25.6	25.6	7.8	7.8	7.5	7.7	71.0	70.9	5.6	4.2	8.0		4				8
						4.1	0.2	244	25.6		7.8	7.8	7.9		70.8	70.9	5.5		7.9						7
					Bottom	7.1	0.2	273	25.3	25.3	7.9	7.9	19.9	19.9	56.9	57.0	4.2	4.2	8.0		4				6
						7.1	0.2	271	25.3		7.9	7.9	19.9		57.0	57.0	4.2		8.1						7

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 21 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			
IM10	Misty	Moderate	11:01	8.0	Surface	1.0	0.3	281	26.1	26.1	7.7	7.7	5.0	5.0	87.1	86.6	6.9	6.8	7.1	8.1	7	8	9	822262	809834
						1.0	0.3	284	26.1		7.7	7.7	5.0	5.0	86.1	86.6	6.8		7.1						
					Middle	4.0	0.3	282	26.1	26.1	7.7	7.7	8.4	8.4	87.0	88.3	6.7	6.9	8.1	8	10				
						4.0	0.3	283	26.1		7.7	7.7	8.4	8.4	89.5	88.3	6.9		8.2						
					Bottom	7.0	0.3	277	26.1	26.1	7.7	7.7	8.4	8.4	90.7	91.7	7.0	7.1	9.2	10	10				
						7.0	0.3	270	26.1		7.7	7.7	8.4	8.4	92.7	91.7	7.2		9.3						
IM11	Misty	Moderate	11:07	6.6	Surface	1.0	0.3	270	26.0	26.0	7.7	7.7	9.0	9.0	80.6	80.3	6.2	6.1	6.4	7.4	4	5	5	821484	810531
						1.0	0.3	262	26.0		7.7	7.7	9.0	9.0	80.0	80.3	6.2		6.5						
					Middle	3.3	0.3	301	25.9	25.9	7.7	7.7	12.2	12.2	78.7	78.4	6.0	5.9	7.2	5	5				
						3.3	0.3	297	25.9		7.7	7.7	12.3	12.2	78.0	78.4	5.9		7.1						
					Bottom	5.6	0.4	297	26.0	26.0	7.7	7.7	17.5	17.5	87.0	87.0	6.5	6.5	8.6	5	5				
						5.6	0.3	298	26.0		7.7	7.7	17.5	17.5	87.0	87.0	6.5		8.6						
IM12	Misty	Moderate	11:13	8.2	Surface	1.0	0.3	288	25.9	25.9	7.8	7.8	5.8	5.8	84.3	84.1	6.6	6.5	5.0	6.4	6	6	6	821148	811528
						1.0	0.3	287	25.9		7.8	7.8	5.9	5.8	83.9	84.1	6.6		5.1						
					Middle	4.1	0.3	280	25.9	25.9	7.8	7.8	8.8	8.9	83.1	82.9	6.4	6.4	6.4	5	6				
						4.1	0.3	276	25.9		7.8	7.8	8.9	8.9	82.7	82.9	6.4		6.5						
					Bottom	7.2	0.3	264	25.9	25.9	7.7	7.7	15.9	15.6	88.2	88.9	6.6	6.7	7.7	5	5				
						7.2	0.3	261	25.9		7.7	7.7	15.3	15.6	89.6	88.9	6.7		7.7						
SR1A	Misty	Moderate	11:37	5.2	Surface	1.0	0.1	194	26.3	26.3	7.8	7.8	7.8	7.8	94.7	95.1	7.3	7.4	6.5	7.0	7	8	8	819973	812654
						1.0	0.1	198	26.3		7.8	7.8	7.8	7.8	95.4	95.1	7.4		6.5						
					Middle	2.6	0.0	186	-	-	-	-	-	-	-	-	-	-	-	-	-				
						2.6	0.0	184	-		-	-	-	-	-	-	-		-						
					Bottom	4.2	0.0	199	26.3	26.3	7.8	7.8	8.7	8.6	105.5	106.4	8.1	8.2	7.4	7	8				
						4.2	0.0	197	26.3		7.9	7.8	8.4	8.6	107.3	106.4	8.3		7.5						
SR2	Misty	Moderate	11:50	5.0	Surface	1.0	0.0	311	26.2	26.2	7.8	7.8	7.6	7.6	90.0	89.6	7.0	7.0	8.5	8.9	4	4	4	821478	814172
						1.0	0.1	304	26.2		7.8	7.8	7.6	7.6	89.1	89.6	6.9		8.6						
					Middle	-	0.1	285	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	0.1	291	-		-	-	-	-	-	-	-		-						
					Bottom	4.0	0.1	319	26.4	26.5	7.8	7.8	12.8	13.4	83.6	84.1	6.2	6.3	9.2	4	5				
						4.0	0.1	321	26.5		7.8	7.8	14.0	13.4	84.6	84.1	6.3		9.3						
SR3	Cloudy	Moderate	11:06	8.6	Surface	1.0	0.0	197	25.7	25.7	7.8	7.8	4.3	4.3	82.4	82.4	6.6	6.2	11.8	11.2	7	6	7	822169	807565
						1.0	0.0	196	25.7		7.8	7.8	4.3	4.3	82.4	82.4	6.6		11.8						
					Middle	4.3	0.1	199	25.7	25.7	7.8	7.8	9.8	9.8	73.6	73.6	5.7	4.9	8.8	7	7				
						4.3	0.1	195	25.7		7.8	7.8	9.8	9.8	73.5	73.6	5.7		8.7						
					Bottom	7.6	0.1	183	25.3	25.3	7.9	7.9	18.9	18.9	66.3	66.4	4.9	4.9	13.2	7	6				
						7.6	0.1	188	25.3		7.9	7.9	18.9	18.9	66.5	66.4	4.9		13.1						
SR4A	Cloudy	Moderate	12:30	8.4	Surface	1.0	0.1	110	25.9	25.9	8.0	8.0	6.7	6.7	87.2	87.2	6.8	6.5	7.6	7.2	8	8	7	817165	807827
						1.0	0.0	103	25.9		8.0	8.0	6.7	6.7	87.1	87.2	6.8		7.5						
					Middle	4.2	-	108	26.1	26.1	7.9	7.9	10.4	10.4	80.7	80.6	6.2	6.2	6.7	7	7				
						4.2	0.0	100	26.0		7.9	7.9	10.4	10.4	80.5	80.6	6.2		6.7						
					Bottom	7.4	0.0	109	25.4	25.4	7.9	7.9	15.5	15.5	66.1	66.0	5.0	5.0	7.5	6	6				
						7.4	0.0	111	25.4		7.9	7.9	15.6	15.5	65.9	66.0	5.0		7.5						
SR8	Misty	Moderate	11:19	4.8	Surface	1.0	-	-	26.2	26.2	7.8	7.8	7.6	7.6	93.1	93.3	7.2	7.2	8.0	8.8	5	5	5	820370	811624
						1.0	-	-	26.2		7.8	7.8	7.6	7.6	93.4	93.3	7.2		8.1						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-	-		-	-	-	-	-	-	-		-						
					Bottom	3.8	-	-	26.2	26.2	7.8	7.8	7.7	7.7	95.7	96.4	7.4	7.5	9.5	5	5				
						3.8	-	-	26.2		7.8	7.8	7.7	7.7	97.0	96.4	7.5		9.4						

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 23 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C1	Sunny	Moderate	09:15	7.8	Surface	1.0	0.3	207	26.1	26.1	7.7	7.7	5.5	5.2	78.8	78.8	6.2	5.8	10.1	9.6	4	4	815605	804233		
						1.0	0.4	203	26.1	7.7	7.7	5.0	5.2	78.7	78.8	6.2	5.8	10.1	9.6	5						
					Middle	3.9	0.4	187	25.6	25.6	7.7	7.7	9.9	9.9	68.5	68.5	5.3	5.3	6.4	9.6	4				4	
						3.9	0.4	180	25.6	25.6	7.7	7.7	9.9	9.9	68.4	68.5	5.3	5.3	6.4	9.6	4					
					Bottom	6.8	0.4	205	24.7	24.7	7.9	7.8	28.6	28.6	53.5	53.6	3.8	3.8	12.6	3.8	4					4
						6.8	0.4	199	24.7	24.7	7.8	7.8	28.6	28.6	53.7	53.6	3.8	3.8	12.0	3.8	4					
C2	Sunny	Moderate	10:57	10.8	Surface	1.0	0.4	177	24.7	24.7	7.6	7.6	1.1	1.1	73.3	73.3	6.1	5.3	19.6	9.5	10	9	825700	806940		
						1.0	0.4	180	24.6	24.7	7.6	7.6	1.1	1.1	73.3	73.3	6.1	5.3	19.5	9.5	9					
					Middle	5.4	0.4	184	25.3	25.3	7.8	7.8	17.8	17.8	59.7	59.7	4.4	4.4	5.6	9.5	9				9	
						5.4	0.5	177	25.3	25.3	7.8	7.8	17.8	17.8	59.6	59.7	4.4	4.4	5.6	9.5	8					
					Bottom	9.8	0.5	157	25.0	25.0	7.9	7.9	27.2	27.1	58.1	58.2	4.1	4.1	3.5	4.1	9					9
						9.8	0.5	150	25.0	25.0	7.9	7.9	27.1	27.1	58.2	58.2	4.1	4.1	3.4	4.1	9					
C3	Sunny	Calm	08:26	8.2	Surface	1.0	0.3	72	26.4	26.4	7.7	7.7	7.1	7.1	88.5	88.5	6.9	6.7	4.3	5.2	4	4	822104	817823		
						1.0	0.2	70	26.4	26.4	7.7	7.7	7.1	7.1	88.4	88.4	6.9	6.7	4.4	5.2	5					
					Middle	4.1	0.2	103	26.1	26.1	7.7	7.7	10.3	10.3	83.9	83.9	6.4	6.4	5.2	5.2	5				5	
						4.1	0.2	105	26.1	26.1	7.7	7.7	10.3	10.3	83.9	83.9	6.4	6.4	5.1	5.2	4					
					Bottom	7.2	0.3	108	26.1	26.2	7.7	7.7	22.8	22.7	84.0	84.1	6.0	6.0	6.0	6.0	4					4
						7.2	0.2	103	26.2	26.2	7.7	7.7	22.7	22.7	84.1	84.1	6.0	6.0	6.0	6.0	4					
IM1	Sunny	Moderate	09:36	6.1	Surface	1.0	0.3	193	26.7	26.7	7.8	7.8	6.4	6.4	82.2	82.2	6.4	5.2	6.8	6.5	4	4	818331	806448		
						1.0	0.3	186	26.7	26.7	7.8	7.8	6.5	6.4	82.2	82.2	6.4	5.2	6.8	6.5	4					
					Middle	3.1	0.2	177	25.0	25.0	7.9	7.9	23.6	23.6	54.2	54.3	3.9	3.9	4.0	5.2	4				4	
						3.1	0.3	174	25.0	25.0	7.9	7.9	23.6	23.6	54.3	54.3	3.9	3.9	4.0	5.2	5					
					Bottom	5.1	0.2	182	24.8	24.8	7.8	7.8	27.5	27.5	53.1	53.3	3.8	3.8	8.9	3.8	4					4
						5.1	0.2	189	24.8	24.8	7.8	7.8	27.4	27.5	53.4	53.3	3.8	3.8	8.7	3.8	5					
IM2	Sunny	Moderate	09:44	6.8	Surface	1.0	0.3	192	26.4	26.4	7.8	7.8	6.7	6.7	81.5	81.4	6.3	5.0	6.7	5.9	3	5	819191	806250		
						1.0	0.4	189	26.4	26.4	7.8	7.8	6.7	6.7	81.3	81.4	6.3	5.0	6.8	5.9	3					
					Middle	3.4	0.3	208	24.9	24.9	7.9	7.9	25.4	25.4	51.6	51.7	3.7	3.7	4.5	5.9	4				4	
						3.4	0.3	214	24.9	24.9	7.9	7.9	25.4	25.4	51.7	51.7	3.7	3.7	4.4	5.9	5					
					Bottom	5.8	0.4	192	24.8	24.8	7.9	7.9	27.8	27.8	52.7	52.8	3.7	3.7	6.5	3.8	6					6
						5.8	0.4	193	24.8	24.8	7.9	7.9	27.9	27.8	52.9	52.8	3.8	3.8	6.6	3.8	6					
IM7	Sunny	Moderate	10:09	8.0	Surface	1.0	0.2	209	25.8	25.8	7.6	7.6	4.8	4.8	77.8	77.8	6.2	6.2	14.1	11.2	3	4	821328	806844		
						1.0	0.2	211	25.8	25.8	7.6	7.6	4.8	4.8	77.8	77.8	6.2	6.2	14.1	11.2	3					
					Middle	4.0	0.2	214	25.7	25.7	7.6	7.6	5.0	5.0	77.8	77.8	6.2	6.2	12.4	6.2	4				4	
						4.0	0.2	212	25.7	25.7	7.6	7.6	5.0	5.0	77.7	77.8	6.2	6.2	12.3	6.2	5					
					Bottom	7.0	0.3	220	25.1	25.1	7.8	7.8	22.4	22.4	51.6	51.8	3.8	3.8	7.2	3.8	4					4
						7.0	0.3	217	25.1	25.1	7.8	7.8	22.5	22.4	51.9	51.8	3.8	3.8	7.3	3.8	5					

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Water Quality Monitoring

Water Quality Monitoring Results on 23 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Sunny	Calm	09:42	7.8	Surface	1.0	0.4	107	26.1	7.8	7.8	5.3	5.2	85.7	85.2	6.7	6.5	6.4	5.5	7	822226	809841		
						1.0	0.4	104	26.0	7.8	7.8	5.2	84.7	85.2	6.7	5.6								
					Middle	3.9	0.4	115	26.0	7.8	7.8	7.8	80.9	80.5	6.3	6.1								
						3.9	0.3	112	26.1	7.8	7.8	7.8	80.0	80.5	6.2	6.1								
					Bottom	6.8	0.4	102	26.5	7.6	7.6	20.4	20.3	74.0	75.2	5.3			7.4					
						6.8	0.4	95	26.6	7.6	7.6	20.2	20.3	76.4	75.2	5.5			7.5					
IM11	Sunny	Calm	09:35	9.0	Surface	1.0	0.4	95	25.8	7.8	7.8	7.1	7.2	79.1	78.6	6.2	5.6	7.4	6.4	5	821516	810524		
						1.0	0.4	100	25.8	7.8	7.8	7.2	78.1	78.6	6.1	6.5								
					Middle	4.5	0.4	85	25.9	7.7	7.7	18.8	18.7	68.0	68.2	5.0			7.1					
						4.5	0.4	79	25.9	7.7	7.7	18.6	18.7	68.3	68.2	5.0			7.2					
					Bottom	8.0	0.4	103	26.4	7.7	7.7	25.0	24.9	74.0	77.3	5.2			8.6					
						8.0	0.4	110	26.5	7.7	7.7	24.7	24.9	80.6	77.3	5.6			8.7					
IM12	Sunny	Calm	09:29	9.4	Surface	1.0	0.4	91	26.0	7.7	7.7	8.0	8.0	79.9	79.7	6.2	5.7	6.5	5.1	6	821180	811534		
						1.0	0.5	91	25.9	7.7	7.7	8.0	8.0	79.5	79.7	6.2			5.1					
					Middle	4.7	0.4	108	25.8	7.7	7.7	15.3	15.3	69.4	69.4	5.2			6.4					
						4.7	0.4	114	25.8	7.7	7.7	15.3	15.3	69.3	69.4	5.2			6.5					
					Bottom	8.4	0.5	122	25.6	7.7	7.6	23.5	23.8	71.1	74.3	5.1			8.0					
						8.4	0.4	122	25.5	7.6	7.6	24.2	23.8	77.4	74.3	5.5			7.9					
SR1A	Sunny	Calm	09:12	5.2	Surface	1.0	0.0	131	26.5	7.8	7.8	6.1	6.0	92.6	92.6	7.2	7.2	7.9	7.0	5	819972	812660		
						1.0	0.0	135	26.5	7.8	7.8	6.0	6.0	92.6	92.6	7.2			7.1					
					Middle	2.6	0.0	141	-	-	-	-	-	-	-	-			-					
						2.6	0.0	142	-	-	-	-	-	-	-	-			-					
					Bottom	4.2	0.0	117	26.8	7.8	7.8	7.5	7.5	95.7	96.7	7.3			8.7					
						4.2	0.1	115	26.8	7.8	7.8	7.5	7.5	97.7	96.7	7.5			8.8					
SR2	Sunny	Calm	08:49	5.0	Surface	1.0	0.3	56	26.2	7.8	7.8	6.2	6.2	86.9	86.7	6.8	6.8	7.0	6.1	5	821453	814163		
						1.0	0.4	61	26.2	7.8	7.8	6.3	6.2	86.5	86.7	6.8			6.2					
					Middle	-	0.3	26	-	-	-	-	-	-	-	-			-					
						-	0.4	21	-	-	-	-	-	-	-	-			-					
					Bottom	4.0	0.4	66	26.1	7.8	7.8	13.6	13.5	78.7	78.8	5.9			7.8					
						4.0	0.4	65	26.2	7.8	7.8	13.4	13.5	78.9	78.8	5.9			7.9					
SR3	Sunny	Moderate	10:25	8.4	Surface	1.0	0.4	166	24.9	7.6	7.6	1.8	1.8	73.0	73.0	6.0	5.7	12.6	15.7	10	822158	807555		
						1.0	0.4	162	24.9	7.6	7.6	1.8	1.8	72.9	73.0	6.0			15.6					
					Middle	4.2	0.4	157	25.4	7.7	7.7	6.9	6.9	68.4	68.3	5.4			9.4					
						4.2	0.4	160	25.3	7.7	7.7	6.9	6.9	68.1	68.3	5.4			9.2					
					Bottom	7.4	0.5	143	25.0	7.8	7.8	23.7	23.7	47.1	47.2	3.4			12.4					
						7.4	0.5	138	25.0	7.8	7.8	23.7	23.7	47.3	47.2	3.4			13.2					
SR4A	Sunny	Moderate	08:54	8.7	Surface	1.0	0.0	47	26.1	7.8	7.8	6.8	6.8	81.2	81.1	6.3	5.0	10.4	7.1	4	817203	807830		
						1.0	0.1	49	26.1	7.8	7.8	6.8	6.8	81.0	81.1	6.3			7.1					
					Middle	4.4	-	66	24.9	7.9	7.9	26.3	26.3	52.4	52.4	3.7			9.8					
						4.4	0.0	68	24.9	7.9	7.9	26.3	26.3	52.4	52.4	3.7			10.0					
					Bottom	7.7	0.1	34	24.8	7.8	7.8	27.9	27.9	53.5	53.7	3.8			14.3					
						7.7	0.1	36	24.8	7.8	7.8	27.9	27.9	53.8	53.7	3.8			14.3					
SR8	Sunny	Calm	09:24	5.0	Surface	1.0	-	-	26.5	7.7	7.7	6.1	6.1	88.6	88.7	6.9	6.9	5.8	5.4	7	820379	811609		
						1.0	-	-	26.5	7.7	7.7	6.1	6.1	88.7	88.7	6.9			5.5					
					Middle	-	-	-	-	-	-	-	-	-	-	-			-					
						-	-	-	-	-	-	-	-	-	-	-			-					
					Bottom	4.0	-	-	26.8	7.7	7.7	8.2	8.1	91.8	92.3	7.0			6.2					
						4.0	-	-	26.8	7.7	7.7	8.1	8.1	92.8	92.3	7.1			6.2					

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 23 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Sunny	Moderate	14:54	8.7	Surface	1.0	0.2	16	26.5	26.5	7.8	7.8	6.5	6.6	78.7	78.6	6.1	5.3	10.0	9.6	10	10	815640	804258
						1.0	0.2	23	26.5	7.8	7.8	6.6	6.6	78.5	78.6	6.1	5.3	10.0	9.6	10				
					Middle	4.4	0.2	41	25.2	25.2	7.9	7.9	19.4	19.4	59.5	59.6	4.4	4.0	8.2	9	10			
						4.4	0.2	34	25.2	25.2	7.9	7.9	19.4	19.4	59.6	59.6	4.4	4.0	8.5	10				
					Bottom	7.7	0.3	33	24.9	24.9	7.9	7.9	23.3	23.6	54.8	54.8	4.0	4.0	10.0	10	10			
						7.7	0.3	31	24.9	24.9	7.9	7.9	24.0	23.6	54.8	54.8	3.9	4.0	11.3	9				
C2	Sunny	Moderate	13:30	11.1	Surface	1.0	0.1	234	25.0	25.0	7.5	7.5	3.6	3.6	72.4	72.4	5.9	5.0	18.9	11.2	10	10	825697	806954
						1.0	0.1	232	25.0	25.0	7.5	7.5	3.7	3.6	72.4	72.4	5.9	5.0	18.7	9				
					Middle	5.6	0.1	256	25.2	25.2	7.9	7.9	20.5	21.3	57.0	57.0	4.1	4.1	7.4	10	10			
						5.6	0.1	259	25.2	25.2	7.9	7.9	22.2	21.3	56.9	57.0	4.1	4.1	7.6	10				
					Bottom	10.1	0.1	263	25.1	25.1	7.9	7.9	25.6	25.6	56.6	56.6	4.0	4.1	7.2	11	10			
						10.1	0.1	258	25.1	25.1	7.9	7.9	25.6	25.6	56.7	56.7	4.1	4.1	7.5	10				
C3	Sunny	Calm	14:59	10.0	Surface	1.0	0.3	262	26.9	27.0	7.9	7.8	8.7	8.5	90.4	90.1	6.9	6.1	5.9	6.0	5	4	822090	817793
						1.0	0.3	262	27.0	27.0	7.8	7.8	8.4	8.5	89.8	90.1	6.8	6.1	5.8	4				
					Middle	5.0	0.3	263	25.5	25.5	7.8	7.8	21.8	21.8	73.4	73.4	5.3	5.4	6.1	4	4			
						5.0	0.3	259	25.5	25.5	7.8	7.8	21.8	21.8	73.3	73.4	5.3	5.4	6.1	4				
					Bottom	9.0	0.3	277	25.4	25.4	7.8	7.8	26.8	26.8	75.4	76.8	5.3	5.4	6.0	4	4			
						9.0	0.3	275	25.4	25.4	7.8	7.8	26.8	26.8	78.1	76.8	5.5	5.4	6.1	4				
IM1	Sunny	Moderate	14:31	7.0	Surface	1.0	0.0	353	26.6	26.6	7.7	7.7	6.3	6.3	79.2	79.2	6.1	6.0	15.8	11.2	9	11	818339	806441
						1.0	0.1	351	26.6	26.6	7.7	7.7	6.3	6.3	79.2	79.2	6.1	6.0	15.8	10				
					Middle	3.5	0.1	359	26.5	26.5	7.9	7.9	9.0	9.0	76.4	76.2	5.8	5.8	10.0	10	11			
						3.5	0.1	359	26.5	26.5	7.9	7.9	9.0	9.0	76.0	76.2	5.8	5.8	9.7	11				
					Bottom	6.0	0.1	21	24.9	24.9	7.9	7.8	26.6	26.6	53.0	53.2	3.8	3.8	8.0	12	12			
						6.0	0.1	28	24.9	24.9	7.8	7.8	26.6	26.6	53.4	53.2	3.8	3.8	8.2	12				
IM2	Sunny	Moderate	14:19	7.1	Surface	1.0	0.1	280	26.6	26.6	7.7	7.7	7.6	7.6	78.7	78.8	6.1	6.0	11.7	11.1	12	12	819180	806222
						1.0	0.1	275	26.6	26.6	7.7	7.7	7.6	7.6	78.8	78.8	6.1	6.0	11.6	12				
					Middle	3.6	0.1	303	26.5	26.5	7.9	7.9	9.9	9.9	76.6	76.5	5.8	5.8	12.2	13	12			
						3.6	0.1	307	26.5	26.5	7.9	7.9	9.9	9.9	76.3	76.5	5.8	5.8	12.0	12				
					Bottom	6.1	0.1	288	24.8	24.8	7.9	7.9	27.8	27.8	52.8	52.9	3.7	3.8	9.5	12	12			
						6.1	0.1	286	24.8	24.8	7.9	7.9	27.8	27.8	53.0	52.9	3.8	3.8	9.4	12				
IM7	Sunny	Moderate	13:49	8.1	Surface	1.0	0.2	237	25.5	25.5	7.6	7.6	3.0	3.0	74.6	74.6	6.0	5.9	18.3	14.4	5	6	821355	806836
						1.0	0.2	243	25.5	25.5	7.6	7.6	3.0	3.0	74.5	74.6	6.0	5.9	18.3	4				
					Middle	4.1	0.2	240	25.4	25.4	7.6	7.6	3.4	3.4	71.7	71.7	5.8	5.8	16.3	4	5			
						4.1	0.2	246	25.4	25.4	7.7	7.6	3.4	3.4	71.6	71.7	5.8	5.8	16.3	5				
					Bottom	7.1	0.2	232	25.0	25.0	7.8	7.8	23.6	23.6	48.5	48.7	3.5	3.5	8.6	7	8			
						7.1	0.2	230	25.0	25.0	7.8	7.8	23.6	23.6	48.8	48.7	3.5	3.5	8.5	8				

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 23 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA				
IM10	Sunny	Calm	13:37	8.6	Surface	1.0	0.3	274	26.5	7.7	7.7	3.0	3.0	84.6	84.6	6.7	6.6	9.5	14	16	822253	809815				
						1.0	0.2	279	26.5	7.7	7.7	3.0	3.0	84.5	84.6	6.7			10.0				15			
					Middle	4.3	0.3	265	26.3	7.8	7.8	3.8	3.8	82.0	82.0	6.5			9.8				16			
						4.3	0.3	272	26.2	7.9	7.8	3.8	3.8	81.9	82.0	6.5			9.7				16			
					Bottom	7.6	0.2	270	25.8	7.8	7.8	15.8	14.9	69.7	69.8	5.3			8.9				19			
						7.6	0.3	263	25.8	7.9	7.8	13.9	14.9	69.8	69.8	5.2			8.8				18			
IM11	Sunny	Calm	13:56	7.0	Surface	1.0	0.3	277	26.9	7.7	7.7	4.1	4.1	87.4	87.3	6.8	6.7	14.4	14	13	821509	810531				
						1.0	0.3	271	26.8	7.7	7.7	4.2	4.1	87.2	87.3	6.8			15.1				13			
					Middle	3.5	0.3	260	26.5	7.7	7.7	7.1	6.8	85.6	85.7	6.6			14.7				13			
						3.5	0.3	261	26.5	7.7	7.7	6.5	6.8	85.7	85.7	6.7			14.7				14			
					Bottom	6.0	0.3	286	26.4	7.6	7.6	16.8	16.8	76.7	78.2	5.6			13.4				12			
						6.0	0.4	284	26.6	7.6	7.6	16.7	16.8	79.6	78.2	5.8			13.5				13			
IM12	Sunny	Calm	14:02	7.4	Surface	1.0	0.3	269	26.5	7.8	7.8	4.0	4.0	87.4	87.4	6.9	6.7	11.9	14	13	821142	811542				
						1.0	0.3	265	26.5	7.8	7.8	4.0	4.0	87.3	87.4	6.9			12.8				13			
					Middle	3.7	0.3	291	26.1	7.8	7.8	5.4	5.4	83.6	82.8	6.6			11.4				13			
						3.7	0.3	289	26.0	7.8	7.8	5.4	5.4	82.0	82.8	6.5			11.3				12			
					Bottom	6.4	0.3	296	25.4	7.7	7.6	26.1	25.9	73.4	74.8	5.2			11.6				13			
						6.4	0.3	293	25.4	7.6	7.6	25.7	25.9	76.1	74.8	5.4			11.5				12			
SR1A	Sunny	Calm	14:24	4.6	Surface	1.0	0.0	194	27.1	7.7	7.7	4.8	4.8	94.3	94.5	7.3	7.3	10.2	8	8	819970	812659				
						1.0	0.0	194	27.1	7.7	7.7	4.8	4.8	94.6	94.5	7.3			10.4				8			
					Middle	2.3	0.0	184	-	-	-	-	-	-	-	-			-				-	-	-	-
						2.3	0.1	191	-	-	-	-	-	-	-	-			-				-	-	-	-
					Bottom	3.6	0.0	199	27.2	7.7	7.7	6.4	6.4	95.7	96.1	7.3			9.9				9			
						3.6	0.0	194	27.2	7.7	7.7	6.4	6.4	96.5	96.1	7.4			10.0				8			
SR2	Sunny	Calm	14:37	4.2	Surface	1.0	0.1	301	27.2	7.8	7.8	7.6	7.6	96.5	96.3	7.4	7.4	7.2	5	5	821466	814155				
						1.0	0.1	302	27.2	7.8	7.8	7.6	7.6	96.0	96.3	7.3			7.4				5			
					Middle	-	0.1	293	-	-	-	-	-	-	-	-			-				-	-	-	-
						-	0.1	287	-	-	-	-	-	-	-	-			-				-	-	-	-
					Bottom	3.2	0.1	315	27.3	7.7	7.7	9.2	9.2	95.7	96.5	7.2			7.0				5			
						3.2	0.1	312	27.3	7.8	7.7	9.2	9.2	97.3	96.5	7.3			7.0				4			
SR3	Sunny	Moderate	13:44	8.8	Surface	1.0	0.1	212	25.7	7.6	7.6	2.2	2.2	75.7	75.7	6.1	5.9	15.5	4	4	822132	807572				
						1.0	0.1	213	25.7	7.6	7.6	2.2	2.2	75.6	75.7	6.1			19.3				3			
					Middle	4.4	0.1	205	25.3	7.6	7.6	6.7	6.7	70.8	70.8	5.6			16.2				4			
						4.4	0.0	198	25.3	7.6	7.6	6.7	6.7	70.7	70.8	5.6			16.2				4			
					Bottom	7.8	0.1	199	25.3	7.8	7.8	9.3	9.3	59.1	59.1	4.6			10.8				4			
						7.8	0.2	194	25.3	7.8	7.8	9.3	9.3	59.1	59.1	4.6			10.8				5			
SR4A	Sunny	Moderate	15:10	8.4	Surface	1.0	0.1	131	27.1	8.0	8.0	9.6	9.6	91.4	91.4	6.9	6.6	9.9	8	9	817169	807796				
						1.0	0.1	127	27.1	8.0	8.0	9.6	9.6	91.3	91.4	6.9			7.9				9			
					Middle	4.2	0.0	109	27.0	8.0	8.0	10.6	10.6	83.8	83.6	6.3			8.7				9			
						4.2	0.0	109	27.0	8.0	8.0	10.6	10.6	83.4	83.6	6.3			8.8				9			
					Bottom	7.4	0.0	118	25.2	7.9	7.9	18.1	17.9	59.2	57.1	4.4			12.9				10			
						7.4	0.0	119	25.2	7.9	7.9	17.7	17.9	54.9	57.1	4.1			13.0				10			
SR8	Sunny	Calm	14:07	5.0	Surface	1.0	-	-	27.4	7.7	7.7	4.6	4.6	91.9	92.0	7.1	7.1	17.6	12	11	820380	811608				
						1.0	-	-	27.4	7.7	7.7	4.6	4.6	92.1	92.0	7.1			17.5				12			
					Middle	-	-	-	-	-	-	-	-	-	-	-			-				-	-		
						-	-	-	-	-	-	-	-	-	-	-			-				-	-		
					Bottom	4.0	-	-	27.5	7.7	7.7	5.4	5.4	93.1	93.2	7.1			17.7				11			
						4.0	-	-	27.5	7.7	7.7	5.4	5.4	93.2	93.2	7.1			17.7				10			

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 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 25 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Fine	Moderate	11:20	8.4	Surface	1.0	0.5	217	26.1	26.1	7.8	7.8	9.8	9.8	73.1	73.0	5.6	5.3	8.1	6	6	815633	804253	
						1.0	0.5	216	26.1	7.8	7.8	9.8	9.8	72.9	73.0	5.6								
					Middle	4.2	0.6	208	25.6	25.6	7.8	7.8	14.4	14.4	65.4	65.3	4.9							
						4.2	0.6	211	25.5	25.6	7.8	7.8	14.4	14.4	65.2	65.3	4.9							
					Bottom	7.4	0.5	215	25.2	25.2	7.8	7.8	28.2	28.2	54.4	54.7	3.8							
						7.4	0.5	208	25.2	25.2	7.8	7.8	28.2	28.2	55.0	54.7	3.9							
C2	Fine	Moderate	12:17	10.9	Surface	1.0	0.7	159	25.3	25.3	7.5	7.5	3.2	3.4	70.7	70.7	5.7	4.9	14.0	9	9	825691	806925	
						1.0	0.7	162	25.3	25.3	7.5	7.5	3.6	3.4	70.7	70.7	5.7							
					Middle	5.5	0.7	159	25.2	25.2	7.9	7.9	20.4	20.4	56.0	55.9	4.1							
						5.5	0.8	156	25.2	25.2	7.9	7.9	20.3	20.4	55.7	55.9	4.1							
					Bottom	9.9	0.7	172	25.0	25.0	8.0	8.0	26.2	26.2	53.0	53.0	3.8							
						9.9	0.7	168	25.0	25.0	8.0	8.0	26.2	26.2	53.0	53.0	3.8							
C3	Sunny	Calm	10:01	9.0	Surface	1.0	0.4	73	26.8	26.8	7.7	7.7	7.0	7.2	91.2	89.7	7.0	6.9	5.5	5	5	822107	817825	
						1.0	0.3	66	26.7	26.8	7.8	7.7	7.5	7.2	88.1	89.7	6.8							
					Middle	4.5	0.4	85	26.8	26.9	7.7	7.7	7.0	6.9	91.5	90.4	7.0							
						4.5	0.4	80	27.0	26.9	7.7	7.7	6.8	6.9	89.2	90.4	6.7							
					Bottom	8.0	0.4	78	26.7	26.9	7.7	7.7	7.5	7.6	88.0	89.0	6.8							
						8.0	0.4	79	27.1	26.9	7.6	7.7	7.8	7.6	89.9	89.0	6.7							
IM1	Fine	Moderate	11:36	6.2	Surface	1.0	0.3	194	26.5	26.5	7.9	7.9	10.6	10.6	77.7	77.6	5.9	4.8	4.3	6	6	818340	806474	
						1.0	0.3	187	26.5	26.5	7.9	7.9	10.6	10.6	77.5	77.6	5.9							
					Middle	3.1	0.4	210	25.0	25.0	7.9	7.9	24.4	24.3	51.9	51.8	3.7							
						3.1	0.3	214	25.0	25.0	7.9	7.9	24.2	24.3	51.6	51.8	3.7							
					Bottom	5.2	0.4	211	24.7	24.7	7.9	7.9	29.1	29.1	48.0	48.0	3.4							
						5.2	0.3	204	24.7	24.7	7.9	7.9	29.1	29.1	47.9	48.0	3.4							
IM2	Fine	Moderate	11:43	6.6	Surface	1.0	0.4	191	26.6	26.6	7.9	7.9	10.9	10.9	77.8	77.8	5.9	4.9	7.1	6	6	819173	806213	
						1.0	0.4	191	26.6	26.6	7.9	7.9	10.9	10.9	77.7	77.8	5.9							
					Middle	3.3	0.5	190	25.2	25.2	7.9	7.9	23.0	22.8	53.1	53.1	3.9							
						3.3	0.5	183	25.2	25.2	7.9	7.9	22.6	22.8	53.0	53.1	3.9							
					Bottom	5.6	0.5	193	24.7	24.7	7.9	7.9	29.5	29.4	48.4	48.5	3.4							
						5.6	0.5	196	24.7	24.7	7.9	7.9	29.4	29.4	48.6	48.5	3.4							
IM7	Fine	Moderate	12:09	7.8	Surface	1.0	0.4	204	25.9	25.9	7.7	7.7	6.2	6.2	74.7	74.8	5.9	5.7	10.9	8	8	821343	806851	
						1.0	0.4	205	25.9	25.9	7.7	7.7	6.2	6.2	74.8	74.8	5.9							
					Middle	3.9	0.4	219	25.7	25.7	7.8	7.8	7.2	7.2	70.2	70.0	5.5							
						3.9	0.4	224	25.7	25.7	7.8	7.8	7.2	7.2	69.7	70.0	5.5							
					Bottom	6.8	0.4	216	24.9	24.9	7.9	7.9	26.3	26.3	45.8	46.1	3.3							
						6.8	0.4	218	24.9	24.9	7.9	7.9	26.4	26.3	46.3	46.1	3.3							

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Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 25 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value
IM10	Sunny	Calm	11:14	8.6	Surface	1.0	0.6	126	27.0	26.5	7.9	7.9	4.7	4.8	80.1	79.2	6.2	5.5	7.0	8.5	8	822262	809819		
						1.0	0.5	124	25.9	7.9	7.9	4.9	4.8	78.2	79.2	6.2									
					Middle	4.3	0.5	130	25.8	25.8	7.7	7.7	21.4	21.4	65.1	65.3	4.7							7.1	
						4.3	0.6	130	25.8	25.8	7.7	7.7	21.4	21.4	65.5	65.3	4.7							7.1	
					Bottom	7.6	0.6	143	25.8	25.8	7.7	7.6	21.4	21.4	72.0	74.8	5.2							7.1	
						7.6	0.6	137	25.8	25.8	7.6	7.6	21.3	21.4	77.5	74.8	5.6							7.1	
IM11	Sunny	Calm	11:06	8.0	Surface	1.0	0.6	100	26.0	26.0	7.8	7.8	7.9	7.7	80.2	79.7	6.2	5.5	6.4	7.6	8	821502	810521		
						1.0	0.6	94	26.0	26.0	7.8	7.8	7.4	7.7	79.2	79.7	6.2								
					Middle	4.0	0.6	86	25.7	25.7	7.7	7.7	19.7	19.7	64.4	64.6	4.7							6.5	
						4.0	0.6	78	25.6	25.6	7.7	7.7	19.7	19.7	64.7	64.6	4.7							6.5	
					Bottom	7.0	0.6	116	25.6	25.6	7.6	7.6	24.0	24.0	67.2	67.6	4.8							6.5	
						7.0	0.6	121	25.6	25.6	7.6	7.6	24.0	24.0	68.0	67.6	4.9							6.5	
IM12	Sunny	Calm	10:58	8.6	Surface	1.0	0.7	93	26.2	26.2	7.8	7.8	7.7	7.7	80.4	80.2	6.2	6.0	6.1	7.4	7	821148	811534		
						1.0	0.6	98	26.1	26.2	7.8	7.8	7.7	7.7	80.0	80.2	6.2								
					Middle	4.3	0.7	119	25.9	25.9	7.8	7.8	9.1	9.0	76.6	75.9	5.9							6.1	
						4.3	0.7	121	25.8	25.9	7.8	7.8	9.0	9.0	75.2	75.9	5.8							6.1	
					Bottom	7.6	0.7	100	25.6	25.6	7.6	7.6	23.8	23.7	67.9	68.6	4.9							6.1	
						7.6	0.7	99	25.6	25.6	7.6	7.6	23.6	23.7	69.2	68.6	5.0							6.1	
SR1A	Sunny	Calm	10:34	5.0	Surface	1.0	0.0	112	26.9	26.9	7.8	7.8	5.8	5.8	93.6	93.6	7.2	7.2	6.2	7.1	4	819973	812658		
						1.0	0.0	117	26.8	26.9	7.8	7.8	5.8	5.8	93.6	93.6	7.2								
					Middle	2.5	-	139	-	-	-	-	-	-	-	-	-							-	-
						2.5	0.0	141	-	-	-	-	-	-	-	-	-							-	-
					Bottom	4.0	0.0	150	27.2	27.3	7.7	7.7	13.4	13.1	85.7	86.8	6.3							6.2	
						4.0	0.1	151	27.3	27.3	7.7	7.7	12.8	13.1	87.8	86.8	6.5							6.2	
SR2	Sunny	Calm	10:17	5.4	Surface	1.0	0.5	45	26.8	26.8	7.7	7.7	6.7	6.7	90.5	90.6	7.0	7.0	7.0	7.6	4	821461	814161		
						1.0	0.5	43	26.8	26.8	7.7	7.7	6.7	6.7	90.6	90.6	7.0								
					Middle	-	0.6	45	-	-	-	-	-	-	-	-	-							-	
						-	0.6	48	-	-	-	-	-	-	-	-	-							-	
					Bottom	4.4	0.5	56	26.7	26.8	7.6	7.6	10.2	10.0	88.0	88.1	6.7							6.7	
						4.4	0.5	56	26.8	26.8	7.6	7.6	9.8	10.0	88.2	88.1	6.7							6.7	
SR3	Fine	Moderate	12:16	8.7	Surface	1.0	0.7	173	26.2	26.2	7.6	7.6	4.8	4.8	75.4	75.4	5.9	5.7	14.8	11.3	9	822164	807566		
						1.0	0.6	172	26.2	26.2	7.6	7.6	4.9	4.8	75.3	75.4	5.9								
					Middle	4.4	0.7	172	25.9	25.9	7.7	7.7	9.2	9.4	70.7	70.8	5.5							14.1	
						4.4	0.7	169	25.9	25.9	7.7	7.7	9.6	9.4	70.8	70.8	5.4							14.1	
					Bottom	7.7	0.7	183	24.9	24.9	7.8	7.8	25.5	25.5	46.7	46.8	3.3							11.2	
						7.7	0.7	182	24.9	24.9	7.8	7.8	25.4	25.5	46.8	46.8	3.4							11.2	
SR4A	Fine	Moderate	11:02	9.3	Surface	1.0	0.1	8	26.6	26.6	7.9	7.9	11.0	11.0	83.2	83.3	6.3	4.8	7.8	9.7	6	817209	807830		
						1.0	0.0	7	26.6	26.6	7.9	7.9	11.0	11.0	83.4	83.3	6.3								
					Middle	4.7	0.0	27	24.8	24.8	7.8	7.8	28.2	28.3	46.6	46.6	3.3							7.8	
						4.7	0.0	23	24.8	24.8	7.8	7.8	28.3	28.3	46.5	46.6	3.3							7.8	
					Bottom	8.3	0.0	29	24.7	24.7	7.8	7.8	29.0	29.0	46.0	46.1	3.2							13.3	
						8.3	0.0	34	24.7	24.7	7.8	7.8	29.0	29.0	46.1	46.1	3.3							13.4	
SR8	Sunny	Calm	10:53	5.2	Surface	1.0	-	-	26.9	26.9	7.7	7.7	7.2	7.2	87.8	87.6	6.7	6.7	8.0	8.6	6	820369	811623		
						1.0	-	-	26.9	26.9	7.7	7.7	7.2	7.2	87.4	87.6	6.7								
					Middle	-	-	-	-	-	-	-	-	-	-	-	-							-	
						-	-	-	-	-	-	-	-	-	-	-	-							-	
					Bottom	4.2	-	-	27.1	27.2	7.7	7.7	8.8	8.7	87.3	87.6	6.6							9.1	
						4.2	-	-	27.2	27.2	7.7	7.7	8.5	8.7	87.8	87.6	6.7							9.2	

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Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 25 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C1	Fine	Moderate	17:05	8.2	Surface	1.0	0.3	45	26.1	26.1	7.7	7.7	9.7	9.7	71.6	71.7	5.5	5.2	12.2	18	18	815621	804238	
						1.0	0.3	38	26.1	7.7	7.7	9.8	9.8	71.8	71.7	5.5	15.7							
					Middle	4.1	0.3	28	25.7	25.7	7.7	7.7	14.3	14.3	65.6	65.7	4.9			10.5				
						4.1	0.3	28	25.7	25.7	7.7	7.7	14.3	14.3	65.7	65.7	5.0			10.6				
					Bottom	7.2	0.3	11	25.6	25.6	7.8	7.8	14.6	14.6	67.8	67.8	5.1			10.4				
						7.2	0.2	11	25.6	25.6	7.8	7.8	14.6	14.6	67.8	67.8	5.1			10.0				
C2	Fine	Moderate	15:50	10.6	Surface	1.0	0.1	265	26.4	26.4	7.8	7.8	5.2	5.2	79.9	79.4	6.3	5.4	14.0	5	5	825670	806935	
						1.0	0.1	271	26.4	26.4	7.8	7.8	5.2	5.2	78.9	79.4	6.2			19.7				
					Middle	5.3	0.0	272	25.4	25.4	7.8	7.8	17.1	17.1	61.0	61.0	4.5			14.7				
						5.3	0.0	267	25.4	25.4	7.8	7.8	17.1	17.1	60.9	61.0	4.5			14.6				
					Bottom	9.6	0.1	241	25.1	25.1	7.9	7.9	25.1	25.1	55.0	55.1	3.9			7.5				
						9.6	0.1	242	25.1	25.1	7.9	7.9	25.1	25.1	55.1	55.1	4.0			7.6				
C3	Sunny	Calm	17:07	9.0	Surface	1.0	0.3	271	26.6	26.6	7.8	7.8	9.8	9.8	86.0	86.0	6.5	6.5	7.0	4	5	822110	817783	
						1.0	0.3	267	26.5	26.6	7.8	7.8	9.9	9.9	86.0	86.0	6.5			7.2				
					Middle	4.5	0.3	267	26.3	26.3	7.9	7.9	10.3	10.3	85.4	84.9	6.5			7.0				
						4.5	0.3	259	26.2	26.3	7.9	7.9	10.2	10.3	84.3	84.9	6.4			7.1				
					Bottom	8.0	0.4	271	26.0	26.0	7.8	7.8	15.4	16.2	75.0	74.9	5.6			6.7				
						8.0	0.4	278	26.0	26.0	7.8	7.8	16.9	16.2	74.8	74.9	5.5			6.8				
IM1	Fine	Moderate	16:47	6.3	Surface	1.0	0.1	17	26.9	27.0	7.7	7.7	6.7	6.7	84.8	84.9	6.5	6.9	11.2	18	18	818356	806444	
						1.0	0.1	19	27.0	27.0	7.7	7.7	6.7	6.7	84.9	84.9	6.5			13.5				
					Middle	3.2	0.2	355	27.2	27.2	8.0	8.0	9.3	9.3	95.6	95.5	7.2			8.5				
						3.2	0.2	1	27.2	27.2	8.0	8.0	9.3	9.3	95.4	95.5	7.2			8.4				
					Bottom	5.3	0.2	31	25.6	25.6	7.8	7.8	21.6	21.6	60.6	60.6	4.4			11.6				
						5.3	0.2	35	25.6	25.6	7.8	7.8	21.7	21.6	60.6	60.6	4.4			11.6				
IM2	Fine	Moderate	16:36	6.7	Surface	1.0	0.2	320	27.2	27.2	7.8	7.8	7.0	7.0	86.0	86.0	6.6	6.5	9.6	17	17	819172	806248	
						1.0	0.2	323	27.2	27.2	7.8	7.8	7.0	7.0	85.9	86.0	6.6			10.3				
					Middle	3.4	0.1	317	27.3	27.3	7.9	7.9	8.8	8.8	85.5	85.3	6.5			9.0				
						3.4	0.1	312	27.3	27.3	7.9	7.9	8.8	8.8	85.1	85.3	6.4			9.1				
					Bottom	5.7	0.1	308	24.8	24.8	7.7	7.7	22.1	22.1	51.8	51.8	3.7			9.3				
						5.7	0.1	312	24.8	24.8	7.7	7.7	22.1	22.1	51.8	51.8	3.7			9.3				
IM7	Fine	Moderate	16:15	7.6	Surface	1.0	0.3	257	26.5	26.5	7.6	7.6	2.9	2.9	79.5	79.5	6.3	6.2	14.0	5	9	821346	806822	
						1.0	0.3	255	26.5	26.5	7.6	7.6	2.9	2.9	79.4	79.5	6.3			18.1				
					Middle	3.8	0.3	231	26.1	26.1	7.6	7.6	4.2	4.2	76.3	76.3	6.0			14.0				
						3.8	0.2	231	26.1	26.1	7.6	7.6	4.2	4.2	76.2	76.3	6.0			13.2				
					Bottom	6.6	0.2	240	25.8	25.8	7.6	7.6	9.0	9.0	70.0	70.0	5.4			10.3				
						6.6	0.2	236	25.8	25.8	7.6	7.6	9.0	9.0	70.0	70.0	5.4			10.3				

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Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 25 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value
IM10	Sunny	Calm	15:53	8.2	Surface	1.0	0.2	265	27.3	27.3	7.8	7.8	3.8	3.7	90.6	90.6	7.0	6.8	18.0	18.5	13	822242	809823		
						1.0	0.2	265	27.3	7.8	3.7	90.6	7.0												
					Middle	4.1	0.2	253	26.8	26.8	7.8	7.8	6.0	6.0	84.8	84.7	6.6							6.6	18.1
						4.1	0.2	248	26.7	7.8	6.0	84.6	6.6	18.7											
					Bottom	7.2	0.2	287	25.8	25.8	7.7	7.7	15.9	16.0	67.3	67.3	5.0							5.0	18.8
						7.2	0.3	287	25.8	7.7	16.1	67.3	5.0	18.7											
IM11	Sunny	Calm	15:59	6.4	Surface	1.0	0.3	274	27.2	27.2	7.7	7.7	4.9	4.9	89.4	89.4	6.9	6.9	17.1	16.2	12	821519	810531		
						1.0	0.3	272	27.2	7.7	4.9	89.4	6.9												
					Middle	3.2	0.3	266	27.1	27.1	7.7	7.7	5.3	5.3	88.2	88.1	6.8							6.8	17.1
						3.2	0.3	262	27.0	7.7	5.3	87.9	6.8	16.4											
					Bottom	5.4	0.3	292	26.9	26.9	7.7	7.7	6.6	6.7	86.5	86.4	6.7							6.7	14.9
						5.4	0.3	293	26.9	7.7	6.7	86.3	6.6	15.1											
IM12	Sunny	Calm	16:05	8.0	Surface	1.0	0.3	269	27.0	27.0	7.8	7.8	5.1	5.1	87.9	87.8	6.8	6.4	13.4	12.8	13	821174	811522		
						1.0	0.3	269	27.0	7.8	5.1	87.7	6.8												
					Middle	4.0	0.3	285	26.4	26.3	7.8	7.8	8.0	8.0	76.9	76.7	5.9							5.9	12.9
						4.0	0.3	280	26.2	7.8	8.0	76.5	5.9	12.9											
					Bottom	7.0	0.3	283	25.4	25.4	7.8	7.8	27.1	27.1	58.1	58.2	4.1							4.1	12.2
						7.0	0.3	278	25.4	7.8	27.1	58.3	4.1	12.2											
SR1A	Sunny	Calm	16:30	5.4	Surface	1.0	0.0	185	27.4	27.4	7.9	7.9	6.3	6.3	99.0	98.7	7.6	7.6	10.2	9.7	14	819971	812660		
						1.0	0.1	178	27.3	7.9	6.4	98.4	7.5	10.2											
					Middle	2.7	0.0	182	-	-	-	-	-	-	-	-	-							-	-
						2.7	0.0	187	-	-	-	-	-	-	-	-	-							-	
					Bottom	4.4	0.0	201	27.3	27.4	7.9	7.9	6.9	6.9	99.6	101.8	7.6							7.8	9.2
						4.4	0.0	194	27.4	7.9	6.9	103.9	7.9	9.3											
SR2	Sunny	Calm	16:44	5.2	Surface	1.0	0.2	300	27.1	27.1	7.7	7.7	5.0	5.0	88.7	88.8	6.9	6.9	19.0	18.9	14	821472	814187		
						1.0	0.2	301	27.1	7.7	5.0	88.9	6.9												
					Middle	-	0.1	275	-	-	-	-	-	-	-	-	-							-	
						-	0.1	275	-	-	-	-	-	-	-	-	-							-	
					Bottom	4.2	0.1	296	27.1	27.1	7.8	7.7	6.9	7.0	91.5	91.7	7.0							7.0	18.8
						4.2	0.1	300	27.1	7.7	7.1	91.8	7.0	18.7											
SR3	Fine	Moderate	16:09	8.2	Surface	1.0	0.2	201	26.2	26.2	7.6	7.6	3.4	3.2	78.9	78.9	6.3	6.1	24.1	17.6	7	822158	807555		
						1.0	0.2	199	26.2	7.6	3.1	78.9	6.3	24.2											
					Middle	4.1	0.1	225	26.2	26.2	7.6	7.6	8.0	8.0	74.8	74.8	5.8							5.8	14.1
						4.1	0.1	220	26.2	7.6	8.2	74.7	5.8	14.1											
					Bottom	7.2	0.2	197	25.9	25.9	7.7	7.7	10.1	10.1	72.1	72.1	5.5							5.5	14.1
						7.2	0.1	196	25.9	7.7	10.1	72.1	5.5	14.5											
SR4A	Fine	Moderate	17:19	8.6	Surface	1.0	0.1	129	28.1	28.1	8.4	8.4	10.3	10.3	136.2	136.1	10.1	9.6	10.9	11.4	9	817196	807794		
						1.0	0.1	131	28.1	8.4	10.3	136.0	10.0	10.8											
					Middle	4.3	0.1	140	27.9	27.9	8.3	8.3	10.9	11.0	122.6	122.5	9.1							9.1	11.0
						4.3	0.1	143	27.9	8.3	11.0	122.3	9.0	11.0											
					Bottom	7.6	0.0	120	25.7	25.7	7.8	7.8	21.3	21.4	68.6	68.6	5.0							5.0	12.4
						7.6	0.0	115	25.7	7.8	21.4	68.6	5.0	12.4											
SR8	Sunny	Calm	16:11	5.0	Surface	1.0	-	-	26.9	26.9	7.8	7.8	5.1	5.1	88.9	88.9	6.9	6.9	18.5	18.8	12	820374	811646		
						1.0	-	-	26.9	7.8	5.1	88.9	6.9	18.4											
					Middle	-	-	-	-	-	-	-	-	-	-	-	-								
						-	-	-	-	-	-	-	-	-	-	-	-								
					Bottom	4.0	-	-	26.9	26.9	7.8	7.8	5.5	5.5	88.9	89.0	6.9							6.9	19.2
						4.0	-	-	26.9	7.8	5.5	89.0	6.9	19.1											

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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 28 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
C1	Sunny	Moderate	12:23	8.2	Surface	1.0	0.6	199	27.7	27.7	7.9	7.9	16.2	16.2	87.2	87.2	6.3	5.1	3.9	6.0	7	5	815598	804264		
						1.0	0.5	198	27.7		7.9		16.2		87.2		6.3		3.9		6					
					Middle	4.1	0.6	212	26.4	26.5	7.9	7.9	28.8	28.9	55.0	55.8	3.8	3.6	3.6	3.6	9.3	4			4	4
						4.1	0.6	217	26.5		7.9		29.0		56.5		3.9		4.7		4					
					Bottom	7.2	0.6	211	25.6	25.6	8.0	8.0	28.6	29.1	52.2	52.2	3.6	3.6	3.6	3.6	9.4	4			4	4
						7.2	0.6	204	25.6		8.0		29.6		52.2		3.6		9.4		4					
C2	Sunny	Moderate	14:05	10.2	Surface	1.0	0.9	175	27.4	27.4	7.8	7.8	10.5	10.5	81.4	81.4	6.1	5.0	6.2	6.8	5	5	825699	806960		
						1.0	0.9	182	27.4		7.8		10.5		81.4		6.1		6.2		5					
					Middle	5.1	0.9	160	26.2	26.2	8.0	8.0	25.4	25.4	53.7	53.7	3.8	3.7	3.7	3.7	7.3	4			5	4
						5.1	0.8	167	26.2		8.0		25.4		53.6		3.8		6.8		5					
					Bottom	9.2	0.9	159	26.1	26.1	8.1	8.1	26.4	26.4	53.3	53.3	3.7	3.7	3.7	3.7	7.3	4			6	4
						9.2	0.9	156	26.1		8.1		26.4		53.3		3.7		7.3		4					
C3	Sunny	Calm	11:28	8.8	Surface	1.0	0.3	58	27.0	27.0	8.7	8.7	18.1	18.2	114.0	113.5	8.2	7.6	2.3	3.4	8	8	822091	817804		
						1.0	0.4	60	26.9		8.7		18.3		113.0		8.1		2.3		7					
					Middle	4.4	0.4	68	26.5	26.5	8.7	8.7	19.3	19.3	98.6	98.7	7.1	7.1	7.1	7.1	3.8	7.1			8	7
						4.4	0.4	73	26.5		8.7		19.3		98.7		7.1		3.8		7					
					Bottom	7.8	0.4	44	26.6	26.7	8.8	8.8	22.6	22.6	100.6	100.9	7.1	7.1	7.1	7.1	4.0	7.1			8	7
						7.8	0.4	42	26.7		8.8		22.6		101.2		7.1		4.0		7					
IM1	Sunny	Moderate	12:41	6.2	Surface	1.0	0.5	186	27.1	27.1	8.0	8.0	20.1	20.1	88.5	88.5	6.3	5.2	2.8	7.6	4	4	818364	806454		
						1.0	0.4	182	27.1		8.0		20.1		88.5		6.3		2.8		4					
					Middle	3.1	0.4	177	25.8	25.8	8.0	8.0	30.8	30.8	58.6	58.6	4.0	4.0	4.0	4.0	6.1	4.0			4	4
						3.1	0.4	183	25.8		8.0		30.8		58.6		4.0		7.0		4					
					Bottom	5.2	0.4	203	25.7	25.7	8.0	8.0	32.6	32.6	59.2	59.2	4.0	4.0	4.0	4.0	13.4	4.0			5	4
						5.2	0.4	196	25.7		8.0		32.6		59.2		4.0		13.4		4					
IM2	Sunny	Moderate	12:48	6.8	Surface	1.0	0.5	197	27.6	27.6	8.0	8.0	19.4	19.5	88.6	88.4	6.3	4.9	3.7	7.5	7	6	819183	806232		
						1.0	0.5	196	27.5		8.0		19.5		88.1		6.2		3.7		6					
					Middle	3.4	0.5	198	25.9	25.9	8.0	8.0	29.6	29.6	52.6	52.6	3.6	3.6	3.6	3.6	5.3	3.6			5	5
						3.4	0.5	198	25.9		8.0		29.6		52.6		3.6		5.5		5					
					Bottom	5.8	0.5	213	25.7	25.7	8.0	8.0	32.8	32.8	55.4	55.4	3.7	3.7	3.7	3.7	13.8	3.7			5	5
						5.8	0.5	214	25.7		8.0		32.8		55.4		3.7		13.3		5					
IM7	Sunny	Moderate	13:26	7.8	Surface	1.0	0.4	216	27.9	27.9	7.8	7.8	13.1	13.1	88.6	88.6	6.5	6.3	4.0	6.3	6	7	821351	806814		
						1.0	0.4	218	27.9		7.8		13.1		88.6		6.5		3.8		6					
					Middle	3.9	0.4	213	27.5	27.5	7.9	7.9	14.8	14.8	83.0	83.0	6.0	6.0	6.0	6.0	3.2	6.0			6	6
						3.9	0.4	209	27.5		7.9		14.8		83.0		6.0		3.2		6					
					Bottom	6.8	0.4	215	26.2	26.2	8.0	8.0	27.1	27.1	53.1	53.3	3.7	3.7	3.7	3.7	12.1	3.7			7	6
						6.8	0.4	216	26.2		8.0		27.1		53.4		3.7		11.5		6					

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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 28 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA		
IM10	Sunny	Calm	12:49	8.0	Surface	1.0	0.7	109	<u>27.2</u>	27.2	8.0	8.0	10.9	11.2	100.9	100.8	7.5	7.5	4.9	5.6	3	3	822232	809844				
						1.0	0.7	110	27.2		8.0		11.4		100.7		7.5		4.8		4							
					Middle	4.0	0.6	135	<u>27.1</u>	27.1	8.0	8.0	12.7	12.7	99.7	99.6	7.4	7.4	5.9	6.6	6.2	6.6			3	3		
						4.0	0.6	136	27.1		8.0		12.7		99.5		7.4		5.9		3							
					Bottom	7.0	0.7	117	<u>26.3</u>	26.3	7.9	7.9	20.0	20.0	88.2	90.8	6.4	6.6	6.1	6.6	2	6.6			3	3		
						7.0	0.7	116	26.3		7.9		20.0		93.3		6.7		6.1		3							
IM11	Sunny	Calm	12:41	9.4	Surface	1.0	0.7	102	<u>26.5</u>	26.5	8.1	8.1	14.0	13.9	91.8	90.8	6.8	6.0	7.0	8.2	3	3	821481	810532				
						1.0	0.8	101	26.4		8.1		13.9		89.8		6.7		7.1		3							
					Middle	4.7	0.8	84	<u>26.1</u>	26.1	7.9	7.9	21.1	21.1	72.8	72.9	5.2	5.6	8.4	5.6	9.1	5.6			4	4		
						4.7	0.8	82	26.1		7.9		21.1		73.0		5.3		8.5		3							
					Bottom	8.4	0.7	99	<u>26.1</u>	26.1	7.9	7.9	21.6	21.5	75.7	78.3	5.4	5.6	9.1	5.6	3	5.6			4	4		
						8.4	0.7	96	26.1		7.9		21.4		80.9		5.8		9.1		4							
IM12	Sunny	Calm	12:32	9.2	Surface	1.0	0.8	103	<u>27.4</u>	27.4	8.1	8.0	14.3	14.4	90.4	88.9	6.6	5.7	5.3	6.4	4	4	821180	811528				
						1.0	0.8	103	27.4		8.0		14.5		87.4		6.4		5.4		5							
					Middle	4.6	0.8	83	<u>25.9</u>	25.9	7.9	7.9	23.4	23.5	67.2	67.6	4.8	5.4	6.7	5.4	6.8	5.4			4	4		
						4.6	0.8	78	25.9		7.9		23.5		67.9		4.8		6.8		4							
					Bottom	8.2	0.8	94	<u>25.9</u>	26.0	7.9	7.9	23.6	23.6	74.3	74.9	5.3	5.4	7.1	5.4	4	5.4			4	4		
						8.2	0.8	101	26.0		7.9		23.6		75.4		5.4		7.2		4							
SR1A	Sunny	Calm	12:09	5.0	Surface	1.0	0.0	129	<u>27.4</u>	27.4	8.1	8.1	14.7	14.7	110.1	109.9	8.0	8.0	5.6	8.0	4	4	819975	812666				
						1.0	0.1	127	27.4		8.1		14.7		109.7		8.0		5.5		4							
					Middle	2.5	0.0	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4	4
						2.5	0.0	102	-		-		-		-		-		-		-				-			
					Bottom	4.0	-	109	<u>27.7</u>	27.7	8.1	8.1	16.1	16.1	110.2	110.7	7.9	8.0	7.0	8.0	8.0	8.0			7.0	8.0	4	4
						4.0	-	108	27.7		8.1		16.0		111.1		110.7		8.0		6.8				4			
SR2	Sunny	Calm	11:53	4.2	Surface	1.0	0.7	54	<u>27.1</u>	27.1	8.1	8.1	13.8	13.8	110.4	109.8	8.1	8.1	4.7	8.1	4	4	821441	814181				
						1.0	0.7	48	27.1		8.1		13.8		109.1		8.0		4.6		5							
					Middle	-	0.7	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	5	5
						-	0.7	56	-		-		-		-		-		-		-				-			
					Bottom	3.2	0.6	35	<u>27.4</u>	27.5	8.1	8.1	15.5	15.5	103.2	103.9	7.5	7.6	4.7	7.6	7.6	7.6			4.7	7.6	6	6
						3.2	0.7	38	27.5		8.1		15.4		104.5		7.6		4.8		5							
SR3	Sunny	Moderate	13:33	8.6	Surface	1.0	0.8	169	<u>28.2</u>	28.2	7.8	7.8	12.4	12.4	91.7	89.8	6.7	5.4	3.6	7.2	4	4	822147	807584				
						1.0	0.8	167	28.1		7.8		12.5		87.8		6.4		3.5		4							
					Middle	4.3	0.8	156	<u>26.5</u>	26.5	7.8	7.8	21.8	21.8	61.0	61.0	4.3	3.4	4.6	3.4	4.3	3.4			4	4		
						4.3	0.8	156	26.4		7.8		21.8		60.9		4.3		4.6		4							
					Bottom	7.6	0.8	155	<u>26.1</u>	26.2	7.9	7.9	29.0	29.0	49.8	49.9	3.4	3.4	13.2	3.4	3.4	3.4			4	4		
						7.6	0.8	158	26.2		7.9		29.0		50.0		49.9		3.4		13.5				5			
SR4A	Sunny	Moderate	12:04	8.7	Surface	1.0	0.0	79	<u>27.1</u>	27.1	8.0	8.0	17.3	17.4	85.9	85.8	6.2	4.9	5.2	9.7	6	6	817168	807800				
						1.0	0.1	74	27.1		8.0		17.4		85.6		6.2		5.1		6							
					Middle	4.4	0.0	89	<u>25.7</u>	25.7	8.0	8.0	31.4	31.5	52.7	52.7	3.6	3.5	10.2	3.5	3.6	3.5			6	6		
						4.4	0.1	95	25.7		8.0		31.5		52.7		3.6		10.4		6							
					Bottom	7.7	0.1	97	<u>25.7</u>	25.7	8.0	8.0	32.5	32.5	51.3	51.3	3.5	3.5	13.7	3.5	3.5	3.5			6	6		
						7.7	0.1	96	25.7		8.0		32.5		51.3		3.5		14.0		8							
SR8	Sunny	Calm	12:28	5.4	Surface	1.0	-	-	<u>27.5</u>	27.5	8.1	8.1	13.7	13.7	103.6	101.2	7.6	7.4	7.0	7.6	5	4	820410	811607				
						1.0	-	-	27.4		8.0		13.7		98.7		7.2		7.0		4							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4	4
						-	-	-	-		-		-		-		-		-		-				-			
					Bottom	4.4	-	-	<u>26.5</u>	26.6	8.0	8.0	19.7	19.7	100.5	102.3	7.2	7.3	8.1	7.3	7.2	7.3			8.1	7.3	4	4
						4.4	-	-	26.6		8.0		19.6		104.0		7.4		8.1		4							

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Water Quality Monitoring

Water Quality Monitoring Results on 28 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Fine	Moderate	19:18	8.3	Surface	1.0	0.3	25	28.8	28.8	7.8	7.8	14.9	14.8	108.9	108.9	7.7	6.0	8.3	10.2	7	6	815628	804255
						1.0	0.3	20	28.8	7.8	7.8	14.8	14.8	108.9	108.9	7.7	6.0	8.3	10.2	6				
					Middle	4.2	0.3	43	26.0	26.0	7.9	7.9	21.7	21.7	59.6	59.6	4.2	3.7	11.6	6	6			
						4.2	0.4	42	26.0	26.0	7.9	7.9	21.7	21.7	59.6	59.6	4.2	3.7	11.7	6	6			
					Bottom	7.3	0.3	32	26.4	26.4	8.0	8.0	31.7	31.7	55.4	55.4	3.7	3.7	10.6	5	6			
						7.3	0.3	36	26.4	26.4	8.0	8.0	31.7	31.7	55.4	55.4	3.7	3.7	10.3	5	6			
C2	Sunny	Moderate	18:15	10.8	Surface	1.0	0.1	192	28.0	28.0	8.0	8.0	10.4	10.4	91.7	91.6	6.7	5.4	6.2	5.9	5	6	825701	806942
						1.0	0.0	188	28.0	28.0	8.0	8.0	10.4	10.4	91.5	91.6	6.7	5.4	6.4	5.9	6			
					Middle	5.4	0.1	182	26.6	26.6	8.0	8.0	23.7	23.7	57.5	57.4	4.0	3.7	3.8	5	6			
						5.4	0.2	185	26.6	26.6	8.0	8.0	23.8	23.7	57.3	57.4	4.0	3.7	3.8	5	6			
					Bottom	9.8	0.1	202	26.5	26.5	8.1	8.0	24.9	24.9	53.3	53.0	3.7	3.7	7.6	5	6			
						9.8	0.1	203	26.5	26.5	8.0	8.0	25.0	24.9	52.7	53.0	3.6	3.7	7.6	5	6			
C3	Sunny	Moderate	19:28	10.0	Surface	1.0	0.4	247	27.7	27.7	8.1	8.1	14.6	14.7	104.2	103.5	7.6	7.0	4.1	5.2	5	5	822132	817820
						1.0	0.4	253	27.7	27.7	8.1	8.1	14.7	14.7	102.8	103.5	7.6	7.0	4.1	5.2	5			
					Middle	5.0	0.4	248	26.4	26.4	8.0	8.0	21.1	21.1	89.2	89.2	6.4	6.5	5.5	4	5			
						5.0	0.4	251	26.4	26.4	8.0	8.0	21.2	21.1	89.1	89.2	6.4	6.5	5.5	4	5			
					Bottom	9.0	0.4	240	26.5	26.6	8.0	8.0	25.5	25.3	91.0	92.9	6.3	6.5	6.0	5	5			
						9.0	0.4	246	26.6	26.6	8.0	8.0	25.2	25.3	94.7	92.9	6.6	6.5	6.0	5	5			
IM1	Fine	Moderate	19:00	6.6	Surface	1.0	0.3	25	28.2	28.2	7.9	7.9	17.8	17.9	112.4	112.4	7.9	6.3	5.3	8.4	6	7	818334	806455
						1.0	0.2	18	28.2	28.2	7.9	7.9	17.9	17.9	112.4	112.4	7.8	6.3	5.7	8.4	6			
					Middle	3.3	0.2	19	26.3	26.3	8.0	8.0	24.3	24.4	68.9	68.9	4.8	3.6	9.2	7	8			
						3.3	0.2	25	26.2	26.3	8.0	8.0	24.4	24.4	68.9	68.9	4.8	3.6	9.8	7	8			
					Bottom	5.6	0.2	3	25.9	25.9	8.0	8.0	32.6	32.6	53.2	53.2	3.6	3.6	10.5	7	8			
						5.6	0.3	6	25.9	25.9	8.0	8.0	32.6	32.6	53.2	53.2	3.6	3.6	10.2	7	8			
IM2	Fine	Moderate	18:53	7.2	Surface	1.0	0.2	347	27.8	27.8	8.0	8.0	17.5	17.5	119.8	119.8	8.4	6.9	3.3	4.3	7	8	819197	806224
						1.0	0.3	351	27.7	27.7	8.0	8.0	17.6	17.5	119.8	119.8	8.5	6.9	3.4	4.3	7			
					Middle	3.6	0.3	328	26.7	26.7	8.0	8.0	23.1	23.1	78.0	78.0	5.4	3.6	4.4	8	8			
						3.6	0.3	329	26.7	26.7	8.0	8.0	23.1	23.1	78.0	78.0	5.4	3.6	4.4	8	8			
					Bottom	6.2	0.2	351	26.0	26.0	7.9	7.9	31.9	31.9	53.2	53.2	3.6	3.6	5.2	8	8			
						6.2	0.3	356	26.0	26.0	7.9	7.9	32.0	31.9	53.2	53.2	3.6	3.6	5.1	8	8			
IM7	Sunny	Moderate	18:28	8.1	Surface	1.0	0.2	254	27.7	27.7	7.8	7.8	9.5	9.4	92.1	92.1	6.8	6.4	6.3	9.8	6	6	821351	806858
						1.0	0.3	249	27.7	27.7	7.8	7.8	9.4	9.4	92.1	92.1	6.8	6.4	6.3	9.8	6			
					Middle	4.1	0.3	252	27.5	27.5	7.8	7.8	10.7	10.7	82.1	82.0	6.0	6.0	10.7	6	6			
						4.1	0.3	248	27.5	27.5	7.8	7.8	10.8	10.7	81.9	82.0	6.0	6.0	10.3	6	6			
					Bottom	7.1	0.3	243	27.5	27.5	7.8	7.8	12.1	12.1	81.9	82.0	6.0	6.0	12.5	5	6			
						7.1	0.3	237	27.5	27.5	7.8	7.8	12.1	12.1	82.0	82.0	6.0	6.0	12.9	5	6			

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 28 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA					
IM10	Sunny	Moderate	18:24	8.2	Surface	1.0	0.2	273	<u>27.5</u>	27.5	8.1	8.1	9.0	9.1	101.9	102.0	7.7	7.7	8.1	9.1	7	7	822221	809830							
						1.0	0.2	277	27.5		8.1		9.1		102.0		7.7		8.1		7										
					Middle	4.1	0.2	278	<u>27.5</u>	8.1	8.1	9.3	9.3	102.4	102.5	7.7	7.7	9.0	7	7	7	7									
						4.1	0.3	277	27.5	8.1	8.1	9.3	9.3	102.6	102.5	7.7	7.7	9.0	7	7	7	7									
					Bottom	7.2	0.2	288	<u>27.5</u>	27.5	8.1	8.1	10.5	10.5	104.2	104.5	7.8	7.8	10.2	7.8	7.8	10.2			7.8	6	7				
						7.2	0.2	284	27.5		8.1		8.1		10.5		10.5		104.8	104.5	7.8	7.8			10.1	7.8	10.1	7	7		
					IM11	Sunny	Moderate	18:29	7.2	Surface	1.0	0.2	264	<u>27.6</u>	27.6	8.0	8.0	7.8	7.8	99.8	99.8	7.5			7.5	8.4	9.2	7	8	821483	810553
											1.0	0.3	265	27.5		8.0		7.8		99.7		7.5				8.4		7			
Middle	3.6	0.2	268	<u>27.4</u>						27.4	8.0	8.0	8.5	8.5	98.8	98.7	7.5	7.4	9.1	7.5	9.1	8	8								
	3.6	0.3	268	27.4							8.0		8.0		8.4		98.5		98.7	7.4	7.4	9.2	7.4	9.2	8	8					
Bottom	6.2	0.2	257	<u>27.3</u>						27.4	8.0	8.0	14.6	14.5	99.5	100.3	7.3	7.4	10.0	7.4	7.4	10.0	7.4	9	8						
	6.2	0.2	254	27.4							8.0		8.0		14.4		14.5		101.1	100.3	7.4	7.4	10.0	7.4	10.0	8	8				
IM12	Sunny	Moderate	18:35	7.0						Surface	1.0	0.3	292	<u>27.7</u>	27.7	8.0	8.0	7.4	7.4	102.6	102.6	7.8	7.8	6.0	7.3	7	7	821177	811528		
											1.0	0.3	287	27.6		8.0		7.4		102.5		7.8		6.1		8					
					Middle	3.5	0.3	306	<u>27.4</u>	27.4	8.0	8.0	9.6	9.8	102.6	102.7	7.7	7.7	7.3	7.8	7.7	7.3	7.3	6	7						
						3.5	0.3	310	27.4		8.0		8.0		9.9		9.8		102.8	102.7	7.7	7.7	7.3	7.8	7.7	7.3	7			7	
					Bottom	6.0	0.2	297	<u>27.4</u>	27.4	8.0	8.0	10.9	10.8	106.4	107.2	7.9	8.0	8.0	8.0	8.0	8.7	8.0	6	6						
						6.0	0.3	292	27.4		8.1		8.0		10.8		10.8		107.9	107.2	8.0	8.0	8.6	8.0	8.6	6	6				
					SR1A	Sunny	Moderate	18:51	4.4	Surface	1.0	0.0	196	<u>28.1</u>	28.2	8.3	8.3	12.3	12.3	137.6	141.2	10.0	10.3	9.1	9.6	6	6			819971	812660
											1.0	0.0	192	28.2		8.4		12.3		144.7		10.5		9.1		6					
Middle	2.2	0.1	207	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	2.2	0.0	201	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Bottom	3.4	-	219	<u>28.2</u>						28.2	8.4	8.4	14.0	13.9	142.8	140.0	10.3	10.1	10.0	10.1	10.0	10.3	10.1	6	7						
	3.4	0.0	219	28.2							8.4		8.4		13.9		13.9		137.1	140.0	9.9	10.1	10.1	10.1	7	7					
SR2	Sunny	Moderate	19:09	4.4						Surface	1.0	0.1	292	<u>28.0</u>	28.0	8.1	8.1	9.5	9.6	111.5	111.5	8.3	8.3	6.2	7.0	7	6	821466	814183		
											1.0	0.0	298	27.9		8.1		8.1		9.6		9.6		111.4		111.5					
					Middle	-	0.1	271	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						-	0.1	272	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Bottom	3.4	0.1	292	<u>27.8</u>	27.8	8.1	8.1	9.7	9.7	112.0	112.7	8.3	8.4	7.8	8.4	8.4	7.8	8.4	6	6						
						3.4	0.1	289	27.8		8.1		8.1		9.7		9.7		113.3	112.7	8.4	8.4	7.9	8.4	7.9	6	6				
SR3	Sunny	Moderate	18:23	8.9	Surface	1.0	0.2	177	<u>27.8</u>	27.8	7.8	7.8	10.8	10.7	83.4	83.5	6.1	5.4	6.5	5.4	6	6	822164	807555							
						1.0	0.1	173	<u>27.8</u>		7.8		10.6		83.5		6.1		6.6		6										
					Middle	4.5	0.2	187	<u>26.9</u>	26.9	7.8	7.8	18.4	18.4	66.6	66.6	4.7	4.7	4.1	5.4	4.1	5.4			6	6					
						4.5	0.2	185	26.9		7.8		7.8		18.4		18.4		66.6	66.6	4.7	4.7			4.3	5.4	4.3	6	6		
					Bottom	7.9	0.2	188	<u>26.9</u>	26.9	7.9	7.9	18.7	18.7	66.7	66.7	4.7	4.7	5.6	4.7	4.7	5.6			4.7	5	5				
						7.9	0.1	190	26.9		7.9		7.9		18.8		18.7		66.7	66.7	4.7	4.7			5.6	4.7	5.6	5	5		
					SR4A	Fine	Moderate	19:34	8.7	Surface	1.0	0.1	136	<u>28.7</u>	28.7	8.1	8.1	17.1	17.1	130.3	130.3	9.1			7.1	10.9	9.9	12	10	817204	807815
											1.0	0.0	131	28.7		8.1		17.0		130.2		9.1				10.9		13			
Middle	4.4	0.1	158	<u>26.8</u>						26.8	8.0	8.0	23.6	23.5	73.5	73.5	5.1	4.2	8.4	7.1	8.4	10	10								
	4.4	0.1	164	26.8							8.0		8.0		23.5		23.5		73.5	73.5	5.1	4.2	8.1	7.1	8.1	10	10				
Bottom	7.7	0.0	164	<u>26.7</u>						26.7	8.0	8.0	25.8	25.8	61.3	61.3	4.2	4.2	10.5	4.2	4.2	10.5	4.2	8	8						
	7.7	0.1	158	26.7							8.0		8.0		25.8		25.8		61.3	61.3	4.2	4.2	10.4	4.2	10.4	8	8				
SR8	Sunny	Moderate	18:39	5.2	Surface	1.0	-	-	<u>28.4</u>	28.4	8.2	8.2	9.8	9.8	119.6	119.5	8.8	8.8	8.2	8.7	7	7	820367	811610							
						1.0	-	-	28.4		8.2		8.2		9.8		9.8		119.3		119.5				8.8	8.8	8.4	8.7	7		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-			
					Bottom	4.2	-	-	<u>28.4</u>	28.4	8.2	8.2	11.7	11.7	120.1	122.3	8.7	8.9	9.2	8.9	8.9	9.2			8.9	7	8				
						4.2	-	-	28.4		8.2		8.2		11.7		11.7		124.4	122.3	9.1	8.9			9.1	8.9	9.1	8	8		

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 30 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	12:29	8.0	Surface	1.0	0.4	207	27.2	8.1	8.1	18.9	18.9	87.6	87.6	6.3	6.3	5.8	7.6	4	4	815602	804237	
						1.0	0.4	201	27.1	8.1	8.1	18.9	18.9	87.5	87.6	6.3	6.3							
					Middle	4.0	0.4	217	26.5	8.1	8.1	23.0	23.0	74.4	74.4	5.3	5.3	3.9	3.9	4	4			
						4.0	0.4	215	26.4	8.1	8.1	23.0	23.0	74.4	74.4	5.3	5.3							
					Bottom	7.0	0.4	186	25.9	8.0	8.0	30.4	30.4	56.3	56.4	3.9	3.9	4	4	3	3			
						7.0	0.3	193	25.9	8.0	8.0	30.4	30.4	56.4	56.4	3.9	3.9							
C2	Cloudy	Moderate	13:56	11.4	Surface	1.0	0.8	179	27.4	8.1	8.1	19.0	19.0	90.3	90.2	6.4	6.4	5.5	4.7	4	5	825673	806943	
						1.0	0.8	183	27.3	8.1	8.1	19.0	19.0	90.1	90.2	6.4	6.4							
					Middle	5.7	0.8	158	26.8	8.1	8.1	25.5	25.5	64.9	64.9	4.5	4.5	4.1	4.1	5	5			
						5.7	0.8	161	26.8	8.1	8.1	25.6	25.6	64.9	64.9	4.5	4.5							
					Bottom	10.4	0.9	148	26.5	8.0	8.0	28.4	28.4	60.2	60.3	4.1	4.1	4	4	5	5			
						10.4	0.9	153	26.6	8.0	8.0	28.4	28.4	60.3	60.3	4.1	4.1							
C3	Rainy	Moderate	12:29	9.0	Surface	1.0	0.4	73	26.8	8.1	8.1	23.0	23.0	108.1	108.1	7.6	7.6	7.4	3.7	4	4	822103	817801	
						1.0	0.5	69	26.8	8.1	8.1	23.0	23.0	108.1	108.1	7.6	7.6							
					Middle	4.5	0.4	91	26.6	7.9	7.9	23.6	23.6	101.2	101.2	7.1	7.1	4.1	4.1	4	4			
						4.5	0.4	93	26.6	7.9	7.9	23.6	23.6	101.2	101.2	7.1	7.1							
					Bottom	8.0	0.4	76	26.7	7.9	7.9	23.7	23.7	100.4	100.6	7.1	7.1	4	4	4	4			
						8.0	0.4	74	26.7	7.9	7.9	23.7	23.7	100.7	100.6	7.1	7.1							
IM1	Cloudy	Moderate	12:45	6.4	Surface	1.0	0.3	172	27.1	8.0	8.0	22.7	22.7	107.3	107.3	7.5	7.5	6.5	5.5	6	5	818366	806455	
						1.0	0.3	175	27.1	8.0	8.0	22.7	22.7	107.3	107.3	7.5	7.5							
					Middle	3.2	0.3	177	26.5	8.0	8.0	23.8	23.8	76.6	76.5	5.4	5.4	4.1	4.1	6	5			
						3.2	0.3	183	26.5	8.0	8.0	23.8	23.8	76.4	76.5	5.4	5.4							
					Bottom	5.4	0.3	168	26.1	8.0	8.0	27.2	27.2	58.6	58.4	4.1	4.1	4	4	3	4			
						5.4	0.3	172	26.1	8.0	8.0	27.2	27.2	58.2	58.4	4.0	4.0							
IM2	Cloudy	Moderate	12:51	7.1	Surface	1.0	0.3	204	27.0	8.0	8.0	22.2	22.2	104.0	103.8	7.3	7.3	6.3	2.6	5	5	819182	806230	
						1.0	0.3	201	26.9	8.0	8.0	22.2	22.2	103.5	103.8	7.3	7.3							
					Middle	3.6	0.4	203	26.5	8.0	8.0	24.1	24.1	75.4	75.5	5.3	5.3	4.7	4.7	4	5			
						3.6	0.4	210	26.5	8.0	8.0	24.1	24.1	75.6	75.5	5.3	5.3							
					Bottom	6.1	0.4	211	26.4	8.0	8.0	26.2	26.2	67.1	67.2	4.7	4.7	4	4	6	6			
						6.1	0.3	205	26.5	8.0	8.0	26.2	26.2	67.2	67.2	4.7	4.7							
IM7	Cloudy	Moderate	13:19	7.9	Surface	1.0	0.3	158	27.1	8.1	8.1	20.8	20.9	95.9	95.7	6.8	6.8	5.8	7.4	7	6	821358	806821	
						1.0	0.3	153	27.0	8.1	8.1	20.9	20.9	95.4	95.7	6.8	6.8							
					Middle	4.0	0.3	186	26.4	8.1	8.1	24.8	24.8	67.2	67.1	4.7	4.7	3.7	3.7	5	6			
						4.0	0.3	183	26.3	8.1	8.1	24.8	24.8	66.9	67.1	4.7	4.7							
					Bottom	6.9	0.3	184	26.0	8.1	8.1	28.6	28.6	53.6	53.7	3.7	3.7	4	4	6	5			
						6.9	0.3	176	26.0	8.1	8.1	28.6	28.6	53.8	53.7	3.7	3.7							

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 30 June 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA					
IM10	Rainy	Moderate	13:48	8.6	Surface	1.0	0.7	103	26.8	26.8	8.2	8.2	18.2	18.2	121.9	120.6	8.8	7.9	3.1	4.3	4	822228	809858				
						1.0	0.7	105	26.8	8.2	8.2	18.2	18.2	119.2	120.6	8.6	7.9	3.2	4.3	3							
					Middle	4.3	0.6	117	26.7	26.7	8.1	8.1	19.0	19.0	101.3	99.2	7.3	7.0	4.1	4.3	4						
						4.3	0.7	116	26.7	26.7	8.1	8.1	19.0	19.0	97.1	99.2	7.0	7.0	4.1	4.3	3						
					Bottom	7.6	0.7	106	26.8	26.9	8.0	8.0	22.5	22.5	93.2	95.9	6.6	6.8	5.7	4.3	4						
						7.6	0.7	110	27.0	26.9	8.0	8.0	22.4	22.5	98.5	95.9	6.9	6.8	5.6	4.3	4						
IM11	Rainy	Moderate	13:41	8.2	Surface	1.0	0.7	99	26.8	26.8	8.3	8.3	17.2	17.3	116.5	114.7	8.5	7.3	3.4	4.6	5	821492	810544				
						1.0	0.6	99	26.8	26.8	8.3	8.3	17.3	17.3	112.9	114.7	8.2	7.3	3.4	4.6	4						
					Middle	4.1	0.7	79	26.8	26.8	8.0	8.0	20.0	20.1	87.8	87.6	6.3	6.6	4.7	4.6	4						
						4.1	0.7	84	26.8	26.8	8.0	8.0	20.2	20.1	87.4	87.6	6.2	6.6	4.7	4.6	4						
					Bottom	7.2	0.7	93	26.9	26.9	8.0	8.0	22.3	22.3	92.8	94.1	6.5	6.6	5.6	4.6	4						
						7.2	0.7	100	26.9	26.9	8.0	8.0	22.3	22.3	95.3	94.1	6.7	6.6	5.6	4.6	4						
IM12	Rainy	Moderate	13:33	8.4	Surface	1.0	0.9	103	27.3	27.3	8.3	8.3	17.3	17.4	124.8	124.6	9.0	8.1	3.2	4.7	3	821172	811517				
						1.0	0.9	98	27.2	27.3	8.3	8.3	17.4	17.4	124.3	124.6	9.0	8.1	3.3	4.7	4						
					Middle	4.2	0.8	110	26.9	26.9	8.2	8.2	18.2	18.0	100.8	98.8	7.3	6.7	4.9	4.7	5						
						4.2	0.9	105	26.9	26.9	8.2	8.2	17.9	18.0	96.7	98.8	7.0	6.7	4.9	4.7	4						
					Bottom	7.4	0.9	98	27.2	27.3	8.0	8.0	22.7	22.6	92.8	95.5	6.5	6.7	6.0	4.7	4						
						7.4	0.9	104	27.3	27.3	8.0	8.0	22.5	22.6	98.1	95.5	6.9	6.7	5.8	4.7	5						
SR1A	Rainy	Moderate	13:15	4.8	Surface	1.0	0.0	100	27.3	27.3	8.2	8.2	18.5	18.5	114.5	114.5	8.2	8.2	4.3	5.0	4	819975	812664				
						1.0	-	95	27.3	27.3	8.2	8.2	18.5	18.5	114.4	114.5	8.2	8.2	4.4	5.0	4						
					Middle	2.4	0.0	109	-	-	-	-	-	-	-	-	-	-	-	-	-			-	5.0	-	4
						2.4	-	103	-	-	-	-	-	-	-	-	-	-	-	-	-			-	5.0	-	
					Bottom	3.8	0.0	98	27.5	27.5	8.2	8.2	19.9	19.7	114.6	114.6	8.1	8.1	5.8	4.6	4			4	4		
						3.8	0.0	99	27.5	27.5	8.2	8.2	19.6	19.7	114.6	114.6	8.1	8.1	5.6	4.6	4			4	4		
SR2	Rainy	Moderate	12:53	5.4	Surface	1.0	0.6	67	27.3	27.3	8.2	8.2	18.5	18.5	117.0	116.8	8.4	8.4	3.1	3.8	3	821474	814146				
						1.0	0.7	66	27.3	27.3	8.2	8.2	18.5	18.5	116.6	116.8	8.3	8.4	3.1	3.8	4						
					Middle	-	0.7	37	-	-	-	-	-	-	-	-	-	-	-	-	-			-	3.8	-	4
						-	0.6	42	-	-	-	-	-	-	-	-	-	-	-	-	-			-	3.8	-	
					Bottom	4.4	0.7	45	27.3	27.3	8.2	8.2	18.6	18.6	113.0	113.0	8.1	8.1	4.6	4.6	4.6			3.8	4	4	
						4.4	0.7	41	27.2	27.3	8.2	8.2	18.6	18.6	112.9	113.0	8.1	8.1	4.6	4.6	4.6			3.8	4	4	
SR3	Cloudy	Moderate	13:35	8.6	Surface	1.0	0.7	151	27.9	27.9	8.0	8.0	18.6	18.6	106.6	106.6	7.5	6.4	1.8	3.3	5	822147	807579				
						1.0	0.7	155	27.8	27.9	8.0	8.0	18.6	18.6	106.5	106.6	7.5	6.4	1.8	3.3	5						
					Middle	4.3	0.7	154	26.9	26.9	8.1	8.1	22.0	22.0	73.4	73.2	5.2	4.6	3.1	3.3	6						
						4.3	0.7	157	26.8	26.9	8.1	8.1	22.1	22.0	73.0	73.2	5.2	4.6	3.2	3.3	6						
					Bottom	7.6	0.6	162	26.6	26.6	8.0	8.0	25.2	25.2	65.7	65.8	4.6	4.6	5.2	4.6	4.6			3.3	7		
						7.6	0.7	156	26.6	26.6	8.0	8.0	25.2	25.2	65.9	65.8	4.6	4.6	5.0	4.6	4.6			3.3	6		
SR4A	Cloudy	Moderate	12:13	9.0	Surface	1.0	0.0	101	26.8	26.8	7.9	7.9	22.4	22.4	92.2	92.0	6.5	5.7	5.8	10.1	4	817196	807796				
						1.0	0.0	106	26.7	26.8	8.0	8.0	22.4	22.4	91.7	92.0	6.5	5.7	5.3	10.1	4						
					Middle	4.5	0.0	112	26.4	26.4	8.0	8.0	25.4	25.4	68.4	68.5	4.8	4.3	9.7	10.1	3						
						4.5	0.0	114	26.4	26.4	8.0	8.0	25.4	25.4	68.5	68.5	4.8	4.3	9.6	10.1	4						
					Bottom	8.0	0.1	80	26.1	26.1	7.9	7.9	27.4	27.4	62.4	62.5	4.3	4.3	15.0	4.3	4						
						8.0	0.1	74	26.1	26.1	7.9	7.9	27.4	27.4	62.5	62.5	4.3	4.3	15.1	4.3	3						
SR8	Rainy	Moderate	13:29	5.6	Surface	1.0	-	-	27.6	27.6	8.3	8.3	17.7	17.7	123.9	123.7	8.8	8.8	3.1	4.0	4	820412	811608				
						1.0	-	-	27.6	27.6	8.3	8.3	17.8	17.7	123.5	123.7	8.8	8.8	3.1	4.0	4						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			4.0	-		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			4.0	-		
					Bottom	4.6	-	-	27.6	27.6	8.3	8.3	17.9	17.8	122.6	122.7	8.8	8.8	4.9	8.8	4.9			4.0	4		
						4.6	-	-	27.6	27.6	8.3	8.3	17.7	17.8	122.8	122.7	8.8	8.8	4.8	8.8	4.8			4.0	5		

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 30 June 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA					
C1	Cloudy	Moderate	20:41	8.8	Surface	1.0	0.3	31	27.6	27.6	8.0	8.0	19.5	19.5	121.8	121.7	8.6	7.5	2.2	8.3	6	6	815625	804238			
						1.0	0.3	31	27.5		8.0		19.5		121.6		8.6		2.3		6						
					Middle	4.4	0.3	49	26.7	26.7	8.0	8.0	22.3	22.5	90.5	90.1	6.4	4.9	10.4	4.9	5	4.9			6	5	
						4.4	0.3	42	26.6		8.0		22.8		89.7		6.4		10.1		6						
					Bottom	7.8	0.4	52	26.4	26.4	8.0	8.0	26.1	26.1	70.0	70.0	4.9	4.9	12.7	4.9	5	4.9			5	5	
						7.8	0.4	47	26.4		8.0		26.1		70.0		4.9		12.1		5						
C2	Cloudy	Moderate	19:41	11.0	Surface	1.0	0.1	191	27.4	27.4	7.9	7.9	19.1	19.1	88.7	88.8	6.3	5.4	3.0	4.6	6	6	825683	806959			
						1.0	0.1	184	27.4		7.9		19.1		88.9		6.3		3.0		7						
					Middle	5.5	0.1	196	26.7	26.7	8.0	8.0	25.4	25.4	63.3	63.3	4.4	4.0	4.7	4.0	6	4.0			6	5	
						5.5	0.2	190	26.7		8.0		25.4		63.2		4.4		4.9		6						
					Bottom	10.0	0.1	189	26.6	26.6	8.0	8.0	28.1	28.1	58.9	59.0	4.0	4.0	6.0	4.0	6.0	4.0			5	4.0	6
						10.0	0.1	190	26.6		8.0		28.1		59.0		4.0		5.8		6						
C3	Rainy	Moderate	20:31	9.0	Surface	1.0	0.5	254	25.0	25.0	8.0	8.0	23.7	23.7	83.2	83.3	6.0	6.0	4.1	5.3	3	3	822093	817804			
						1.0	0.5	252	25.0		8.0		23.7		83.4		6.0		4.1		4						
					Middle	4.5	0.5	253	24.9	24.9	8.0	8.0	26.8	26.8	84.1	84.3	6.0	6.2	5.6	6.2	4	6.2			3	6.2	
						4.5	0.5	254	24.9		8.0		26.9		84.5		6.0		5.5		3						
					Bottom	8.0	0.4	273	25.0	25.0	8.0	8.0	26.8	26.6	85.7	86.3	6.1	6.2	6.3	6.2	3	6.2			3	6.2	
						8.0	0.4	268	25.0		8.0		26.3		86.8		6.2		6.2		3						
IM1	Cloudy	Moderate	20:27	6.8	Surface	1.0	0.2	13	27.2	27.2	8.2	8.2	22.8	22.8	110.4	110.2	7.7	6.0	2.2	4.9	4	5	818342	806466			
						1.0	0.3	6	27.1		8.2		22.8		110.0		7.7		2.2		5						
					Middle	3.4	0.2	10	26.2	26.2	8.2	8.2	26.2	26.2	61.8	61.4	4.3	4.0	4.7	4.0	5	4.0			6	5	
						3.4	0.2	5	26.1		8.2		26.2		61.0		4.3		5.0		6						
					Bottom	5.8	0.2	34	26.1	26.1	8.1	8.1	28.8	28.8	57.5	57.7	4.0	4.0	7.4	4.0	5	4.0			6	5	
						5.8	0.2	36	26.1		8.1		28.9		57.8		4.0		7.6		6						
IM2	Cloudy	Moderate	20:22	6.9	Surface	1.0	0.2	307	27.0	27.0	8.3	8.3	22.9	22.9	111.8	111.7	7.8	6.2	2.8	7.7	4	6	819161	806246			
						1.0	0.2	304	27.0		8.3		22.9		111.6		7.8		2.8		5						
					Middle	3.5	0.2	334	26.2	26.2	8.3	8.3	25.5	25.5	66.1	65.8	4.6	4.0	7.4	4.0	6	4.0			6	7	
						3.5	0.2	331	26.2		8.3		25.5		65.4		4.6		8.2		6						
					Bottom	5.9	0.1	333	26.1	26.1	8.3	8.3	28.5	28.5	57.1	57.2	3.9	4.8	12.6	4.8	7	4.8			6	7	
						5.9	0.1	332	26.1		8.3		28.5		57.3		4.0		12.7		6						
IM7	Cloudy	Moderate	20:02	7.8	Surface	1.0	0.3	269	27.7	27.7	8.1	8.1	19.3	19.3	111.5	111.4	7.9	6.9	2.1	2.7	7	6	821365	806823			
						1.0	0.3	271	27.7		8.2		19.3		111.3		7.9		2.1		6						
					Middle	3.9	0.2	240	26.6	26.6	8.2	8.2	23.0	23.0	83.2	82.9	5.9	4.8	2.7	4.8	7	4.8			6	5	
						3.9	0.2	242	26.6		8.2		23.0		82.5		5.8		2.9		6						
					Bottom	6.8	0.3	252	26.5	26.6	8.1	8.1	25.6	25.6	68.6	68.8	4.8	4.8	3.3	4.8	5	4.8			6	5	
						6.8	0.3	256	26.6		8.1		25.6		68.9		4.8		3.3		6						

DA: Depth-Averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

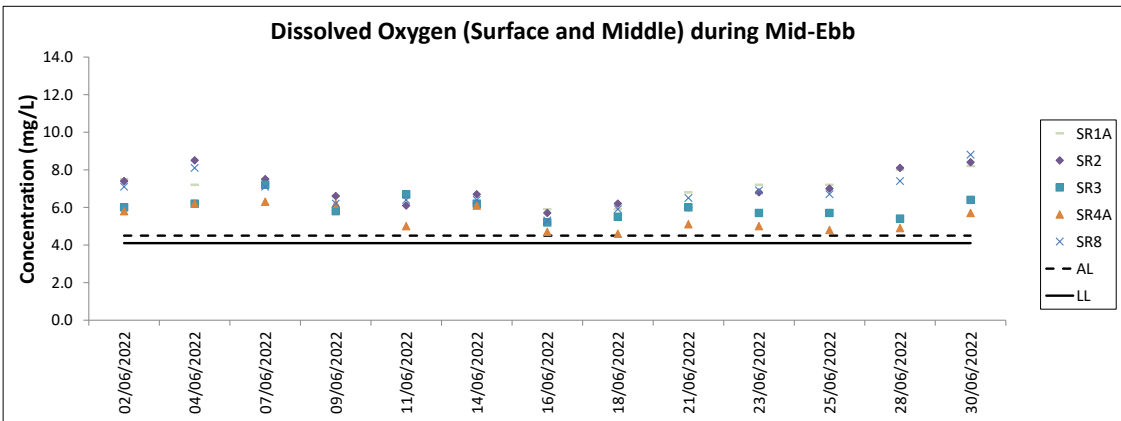
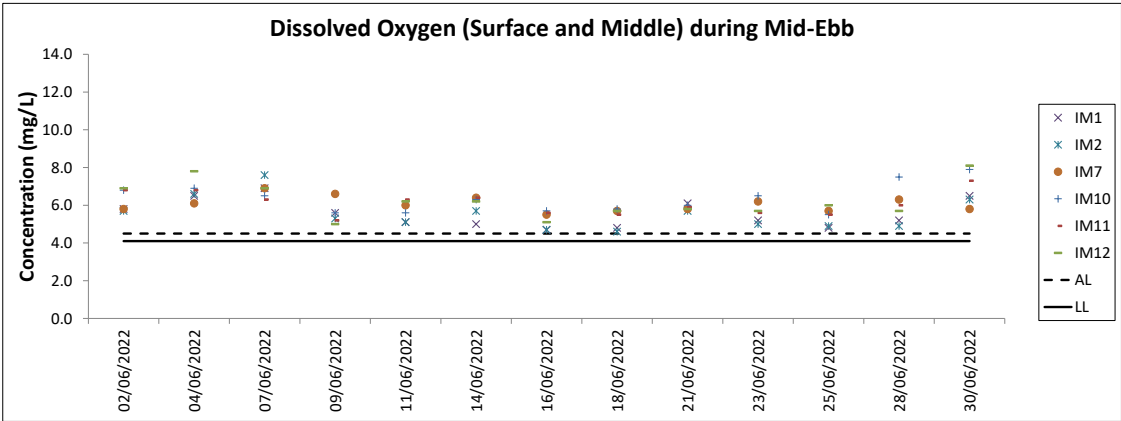
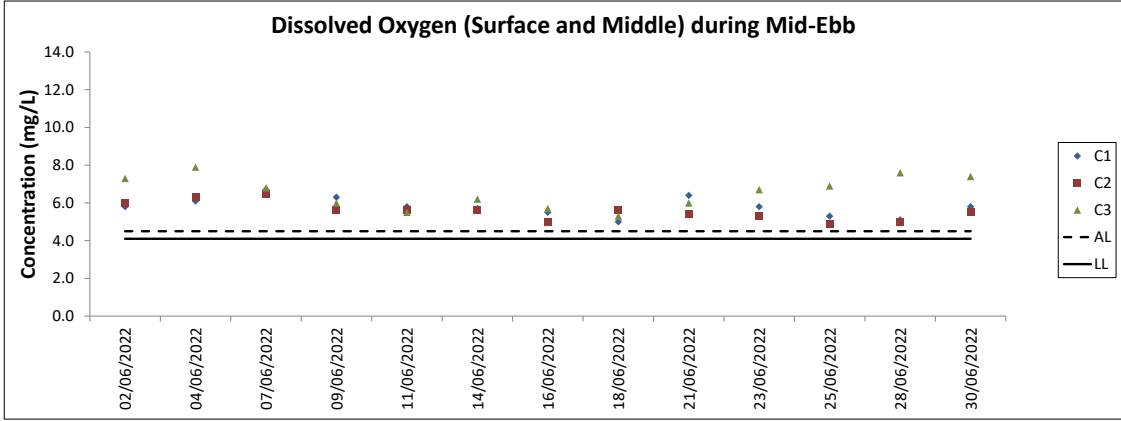
Water Quality Monitoring Results on 30 June 22 during Mid-Flood Tide

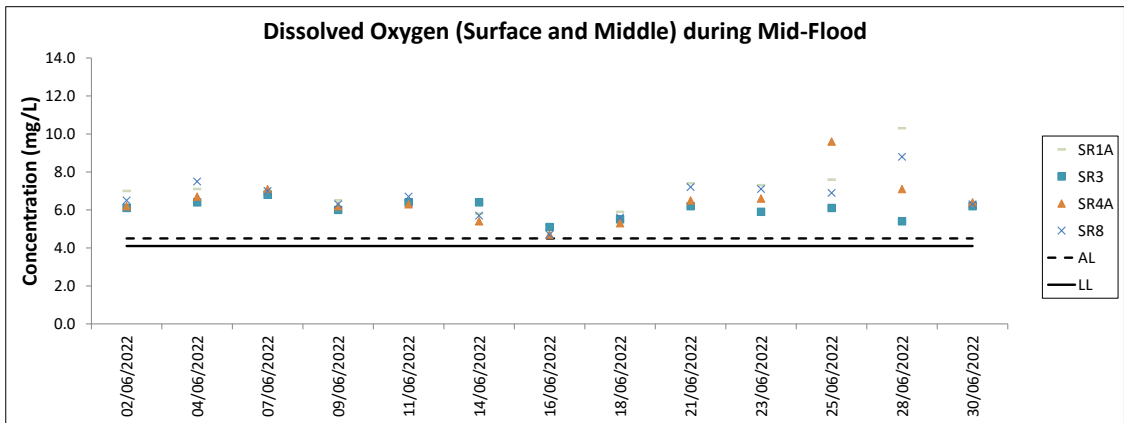
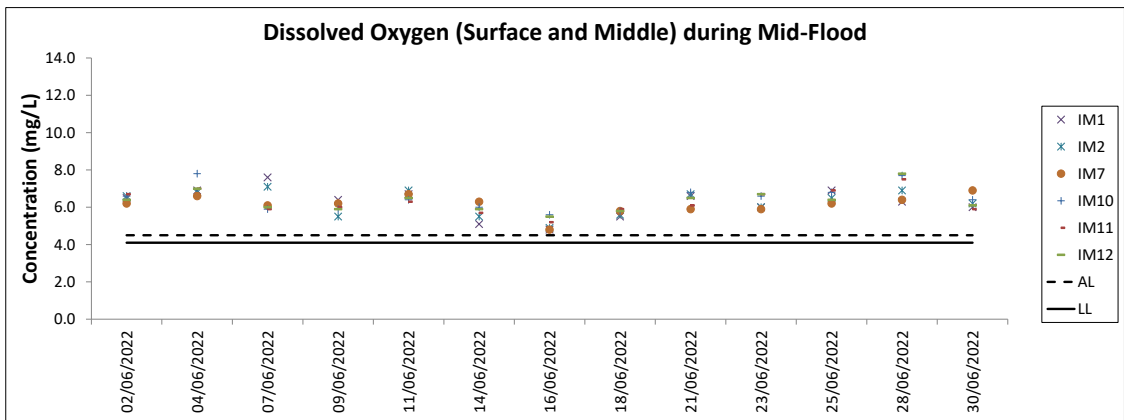
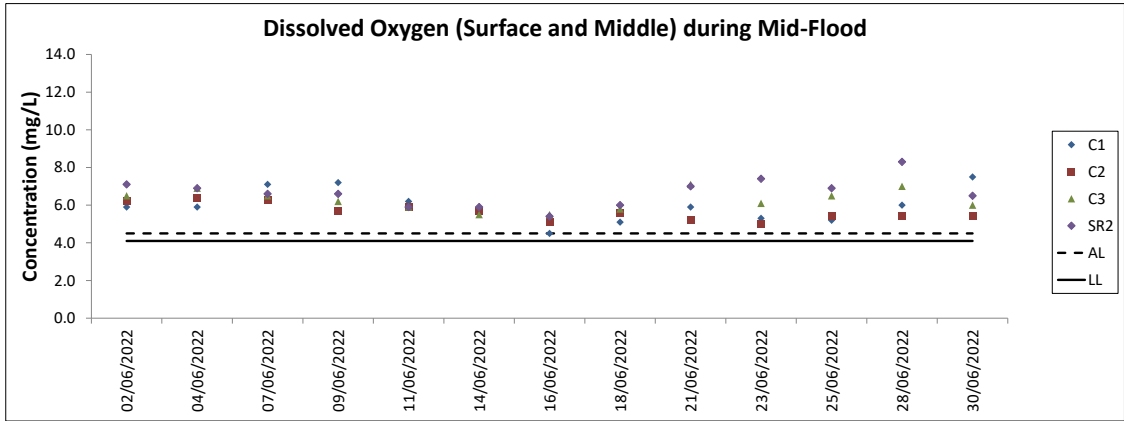
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
IM10	Rainy	Moderate	19:35	8.0	Surface	1.0	0.2	237	25.4	25.4	8.1	8.1	16.3	16.3	86.5	86.4	6.5	6.4	5.4	6.2	4	4	822262	809819		
						1.0	0.1	241	25.4		8.1		16.3		86.3		6.5		5.3		3					
					Middle	4.0	0.1	244	25.4	25.4	8.1	8.0	16.6	16.6	84.8	84.7	6.3	6.4	6.1	6.4	6.1				6.4	4
						4.0	0.1	241	25.4		7.9		16.6		84.6		6.3		6.1		4					
					Bottom	7.0	0.2	241	25.5	25.5	7.9	8.0	19.0	18.9	84.4	86.3	6.2	6.4	7.1	6.4	7.1				6.4	5
						7.0	0.1	244	25.5		8.0		18.9		88.2		6.5		7.1		4					
IM11	Rainy	Moderate	19:40	7.0	Surface	1.0	0.2	276	25.3	25.3	8.0	8.0	16.8	16.8	79.7	79.6	6.0	5.9	5.7	6.5	3	3	821477	810529		
						1.0	0.2	283	25.3		8.0		16.9		79.4		6.0		5.6		2					
					Middle	3.5	0.2	291	25.3	25.3	8.0	8.0	19.8	19.9	79.1	79.2	5.8	6.0	6.1	6.0	6.0				6.0	3
						3.5	0.2	296	25.3		8.0		20.0		79.2		5.8		6.0		4					
					Bottom	6.0	0.3	280	25.3	25.3	8.0	8.0	21.9	21.9	80.8	81.6	5.9	6.0	7.9	6.0	7.9				6.0	3
						6.0	0.3	273	25.3		8.0		21.8		82.3		6.0		7.8		4					
IM12	Rainy	Moderate	19:45	8.2	Surface	1.0	0.3	281	25.4	25.4	8.0	8.0	15.4	15.4	85.6	85.2	6.4	6.1	4.2	6.1	4	4	821180	811511		
						1.0	0.3	286	25.4		8.0		15.4		84.7		6.4		4.2		4					
					Middle	4.1	0.3	300	25.3	25.3	8.0	8.0	19.5	19.2	79.1	79.1	5.8	6.0	6.6	6.0	6.5				6.0	4
						4.1	0.3	295	25.3		8.0		18.9		79.1		5.9		6.5		4					
					Bottom	7.2	0.3	298	25.3	25.3	8.0	8.0	21.6	21.6	81.5	81.7	6.0	6.0	7.7	6.0	7.7				6.0	4
						7.2	0.3	301	25.3		8.0		21.6		81.8		6.0		7.7		4					
SR1A	Rainy	Moderate	20:03	4.2	Surface	1.0	0.0	192	25.6	25.6	8.0	8.0	17.9	18.0	85.9	86.0	6.4	6.4	3.7	6.4	3	4	819971	812665		
						1.0	0.0	197	25.5		8.0		18.0		86.0		6.4		3.8		3					
					Middle	2.1	0.0	190	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						2.1	0.0	182	-		-		-		-		-		-		-					-
					Bottom	3.2	0.0	214	25.2	25.3	8.0	8.0	21.5	21.4	87.0	87.3	6.3	6.4	4.8	6.4	4.8				6.4	5
						3.2	0.1	213	25.3		8.0		21.3		87.6		6.4		4.8		4					
SR2	Rainy	Moderate	20:14	5.0	Surface	1.0	0.0	286	25.4	25.4	8.0	8.0	15.3	15.1	85.9	85.8	6.5	6.5	3.1	6.5	4	4	821455	814156		
						1.0	0.0	287	25.4		8.0		15.0		85.7		6.4		3.1		4					
					Middle	-	0.1	265	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	0.0	268	-		-		-		-		-		-		-					
					Bottom	4.0	0.1	291	25.3	25.3	8.0	8.0	20.4	20.3	87.9	88.8	6.4	6.5	4.3	6.5	4.3				6.5	4
						4.0	0.2	296	25.3		8.0		20.2		88.8		6.5		4.2		4					
SR3	Cloudy	Moderate	19:57	8.8	Surface	1.0	0.1	178	27.6	27.6	8.0	8.0	19.5	19.5	113.4	113.3	8.0	6.2	2.2	6.2	6	6	822133	807594		
						1.0	0.2	176	27.6		8.0		19.5		113.1		8.0		2.2		6					
					Middle	4.4	0.1	197	26.5	26.5	8.0	8.0	25.0	25.1	62.5	62.5	4.4	4.3	3.8	4.3	3.9				4.3	6
						4.4	0.1	202	26.5		8.0		25.2		62.5		4.4		3.9		6					
					Bottom	7.8	0.1	191	26.4	26.5	8.0	7.9	26.0	26.0	61.7	62.0	4.3	4.3	4.5	4.3	4.3				4.3	6
						7.8	0.1	197	26.5		7.9		26.0		62.0		61.9		4.3		4.2					7
SR4A	Cloudy	Moderate	21:00	8.6	Surface	1.0	0.0	152	27.2	27.2	7.7	7.7	22.0	22.0	109.7	109.7	7.7	6.4	4.9	9.3	4	5	817198	807791		
						1.0	0.0	155	27.2		7.7		22.0		109.6		7.7		5.0		4					
					Middle	4.3	0.0	145	26.4	26.4	7.8	7.8	24.5	24.5	70.8	70.5	5.0	4.0	8.8	4.0	9.5				4.0	5
						4.3	0.0	138	26.4		7.8		24.5		70.5		5.0		9.5		4					
					Bottom	7.6	0.0	139	26.3	26.3	7.7	7.7	27.7	27.7	57.1	57.5	4.0	4.0	13.8	4.0	13.8				4.0	6
						7.6	0.0	135	26.3		7.7		27.7		57.5		4.0		13.8		5					
SR8	Rainy	Moderate	19:50	4.8	Surface	1.0	-	-	25.7	25.7	8.0	8.0	17.2	17.1	84.9	84.9	6.3	6.3	3.5	6.3	3	3	820376	811634		
						1.0	-	-	25.7		8.0		17.1		84.8		6.3		3.4		3					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	-	-	-		-		-		-		-		-		-					
					Bottom	3.8	-	-	26.0	26.0	8.0	8.0	19.4	19.4	85.4	86.0	6.2	6.3	4.7	6.3	4.7				6.3	3
						3.8	-	-	26.0		8.0		19.4		86.0		6.3		4.7		4					

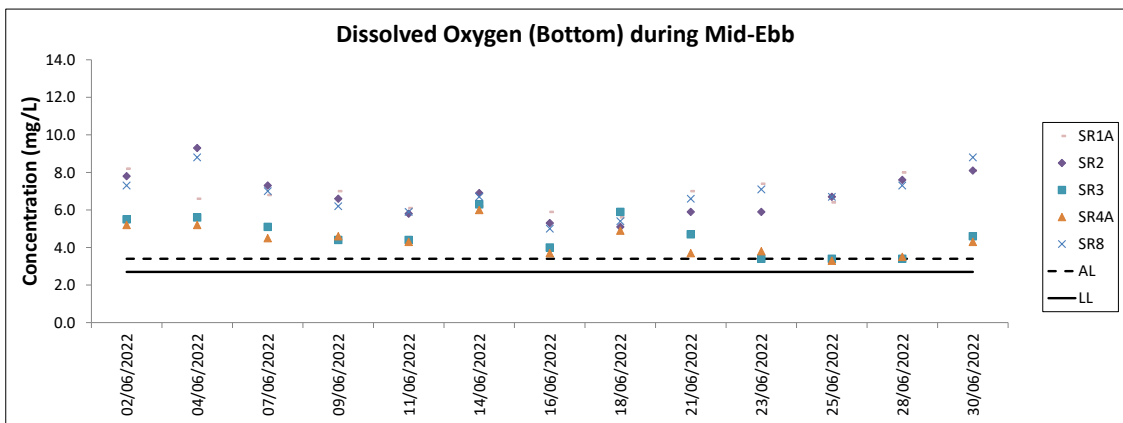
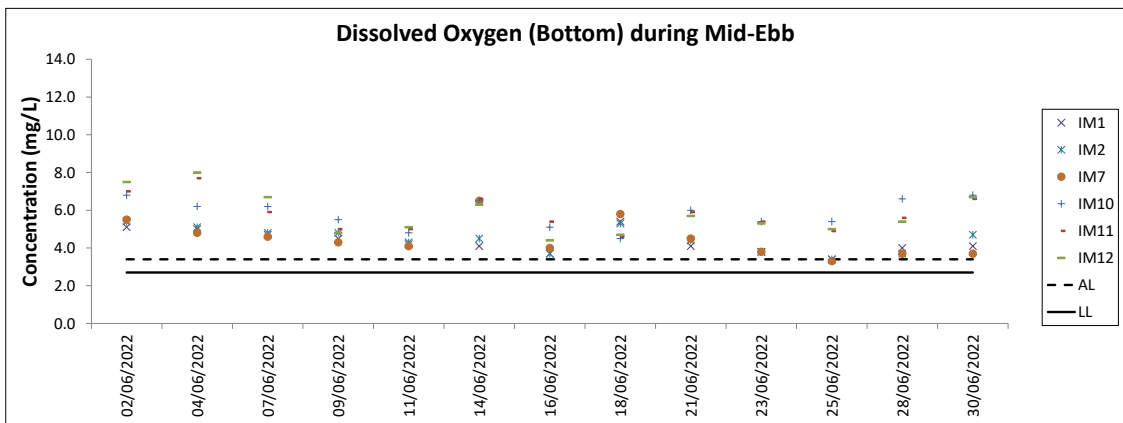
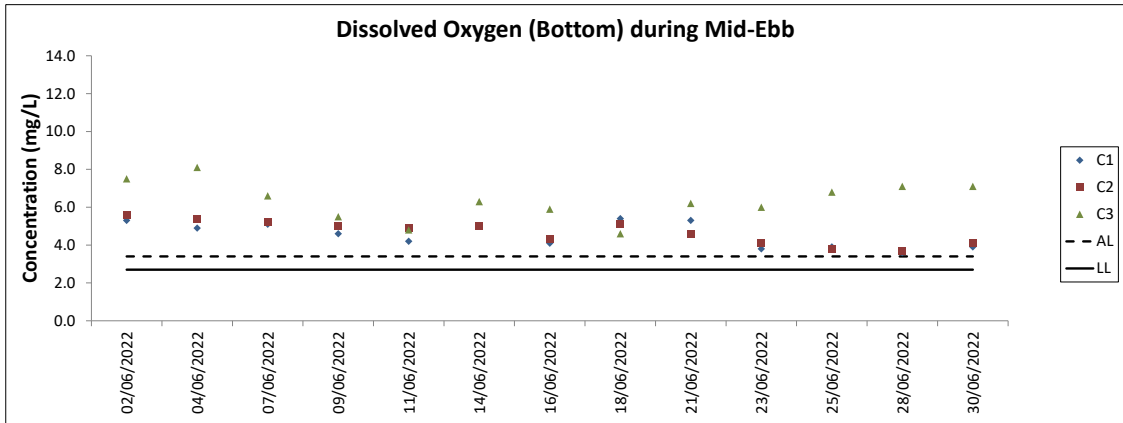
DA: Depth-Averaged

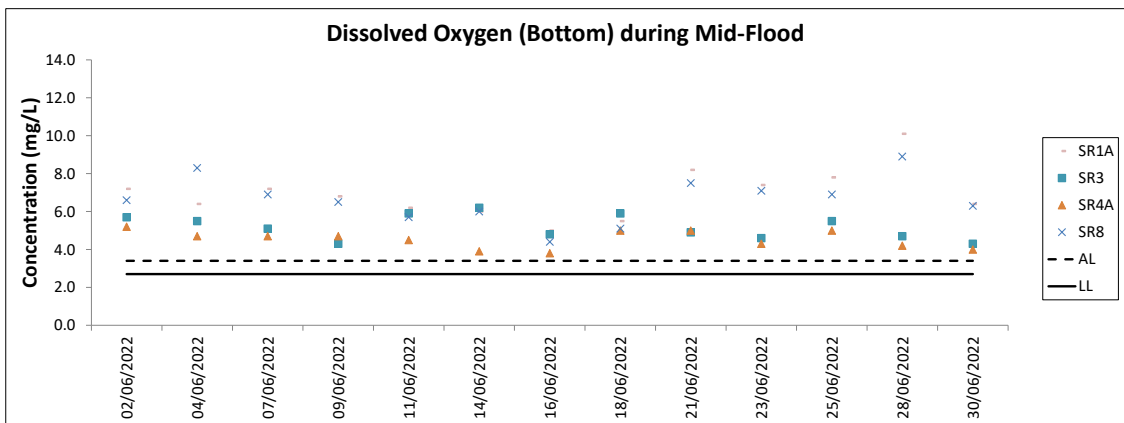
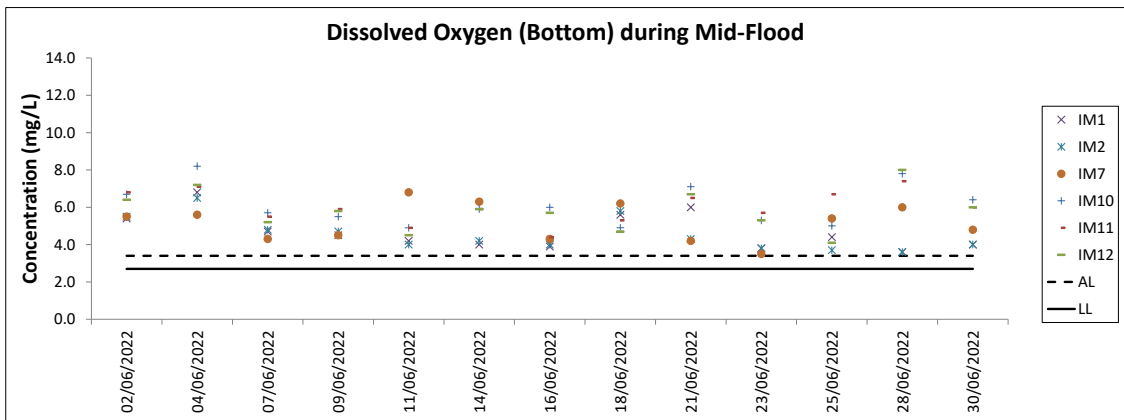
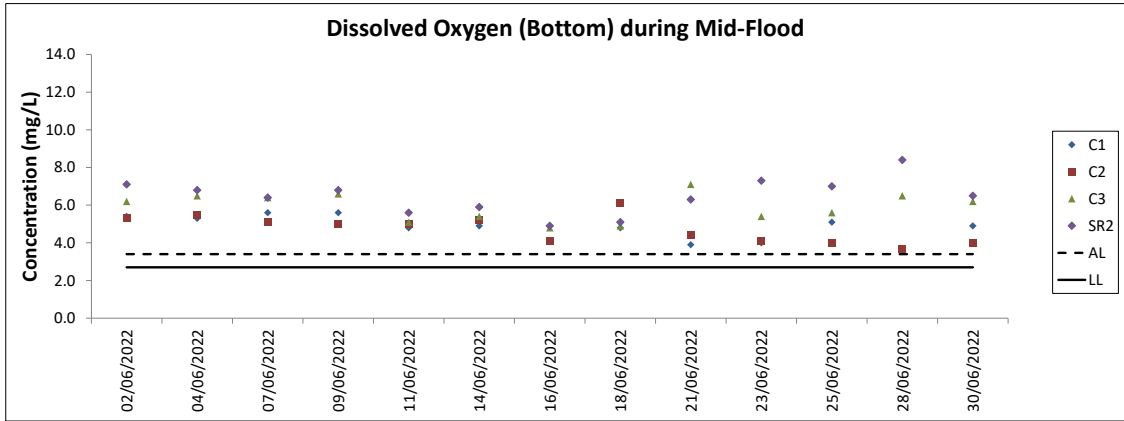
Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

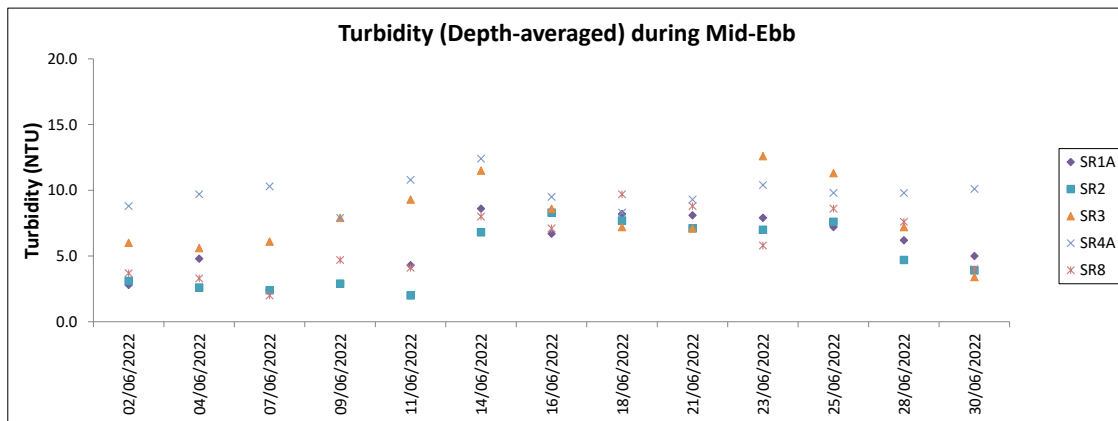
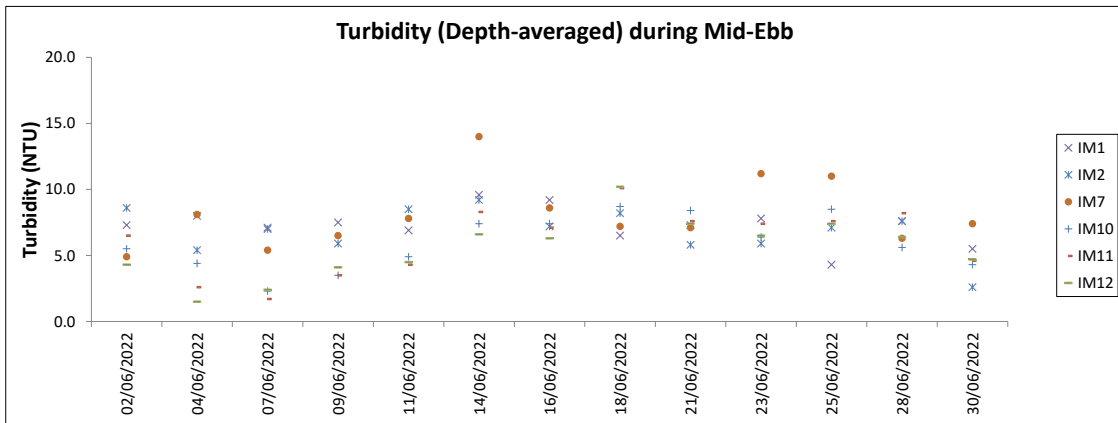
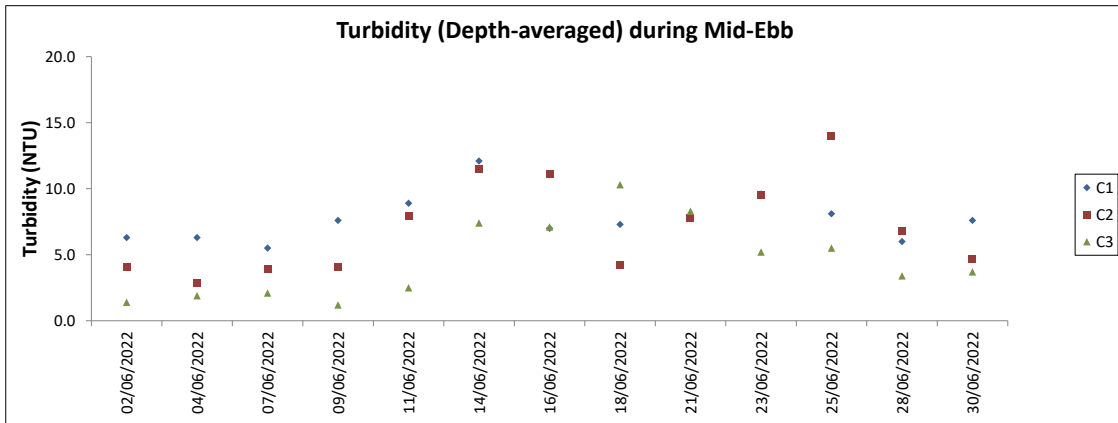
Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined



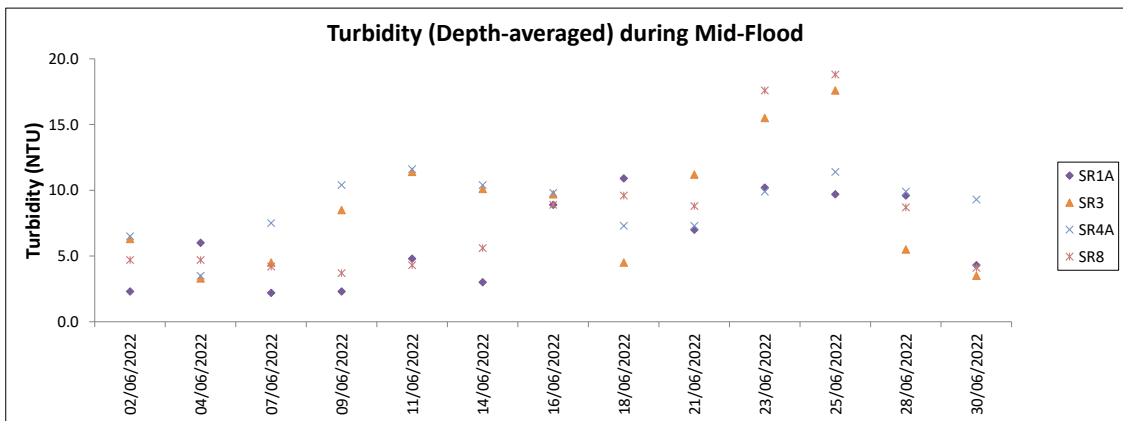
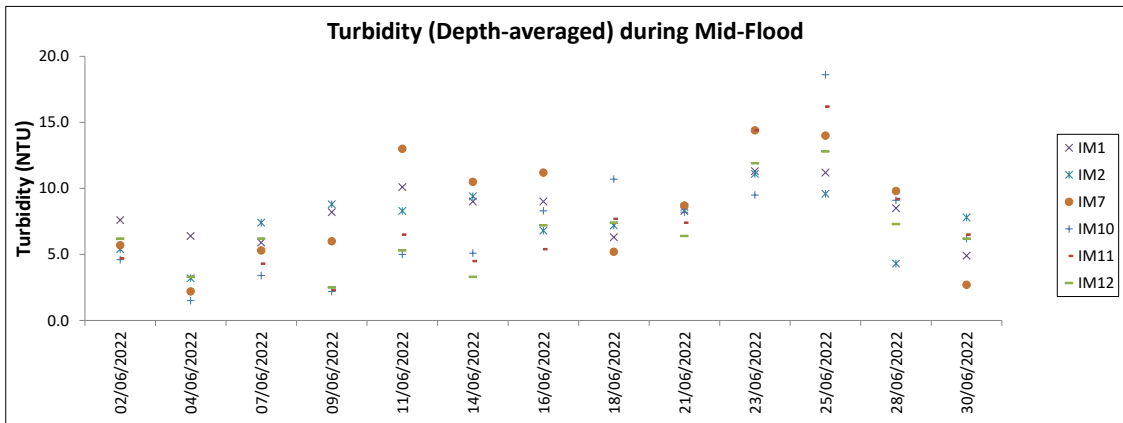
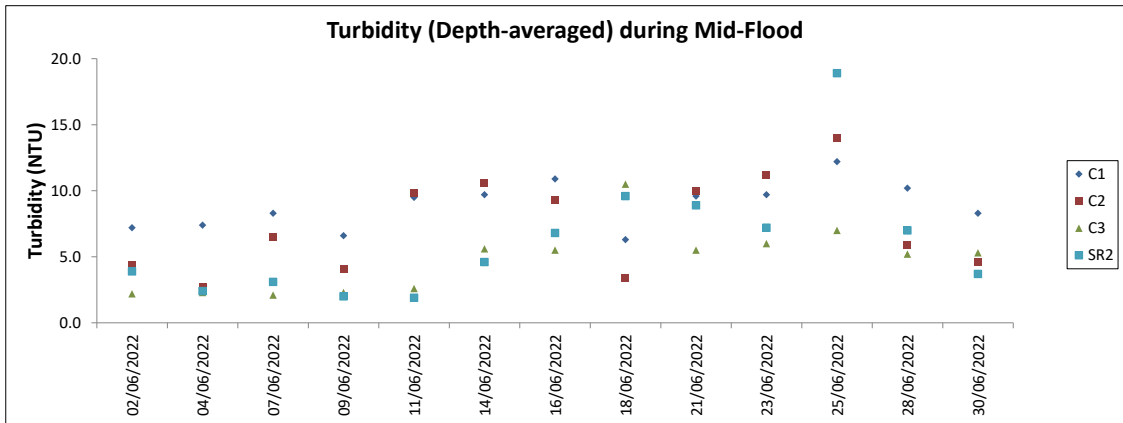




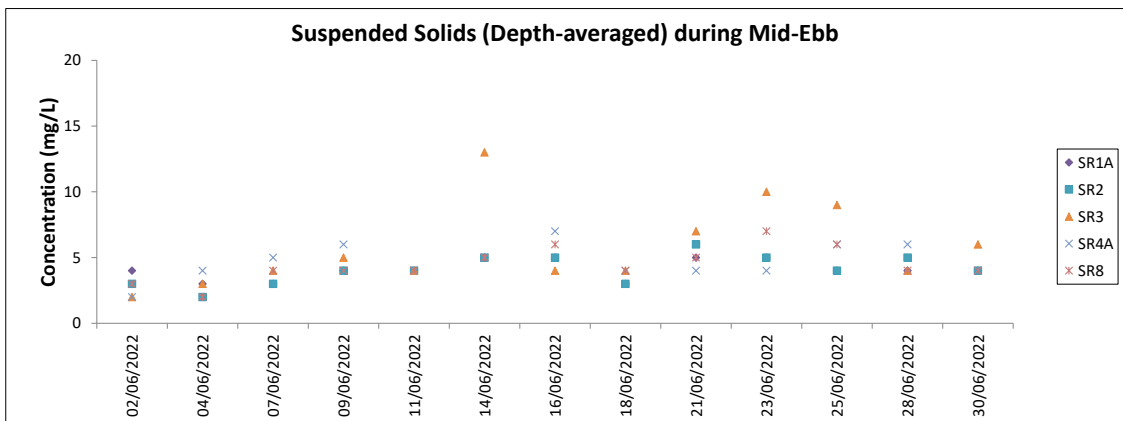
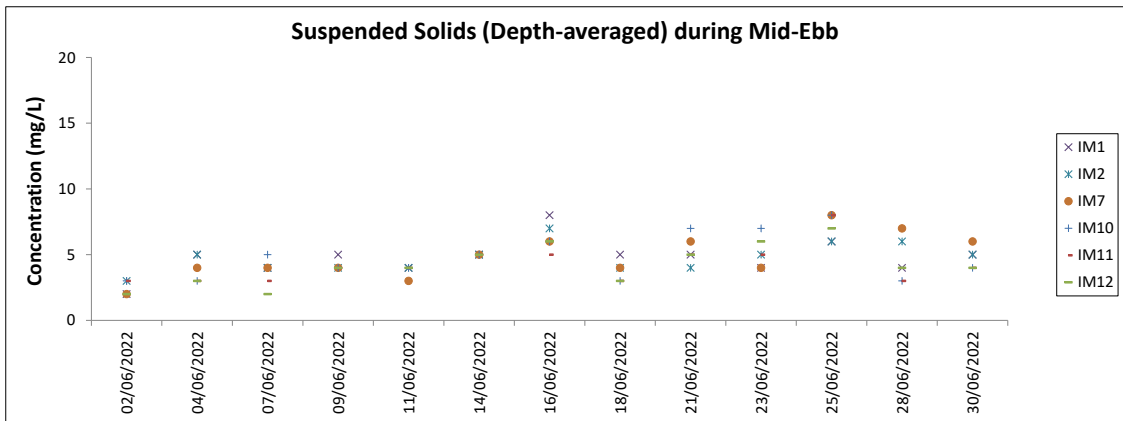
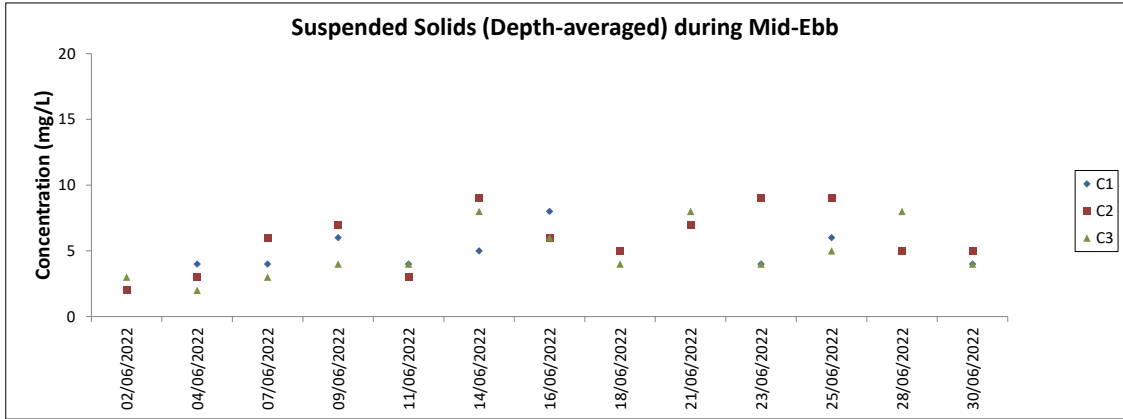




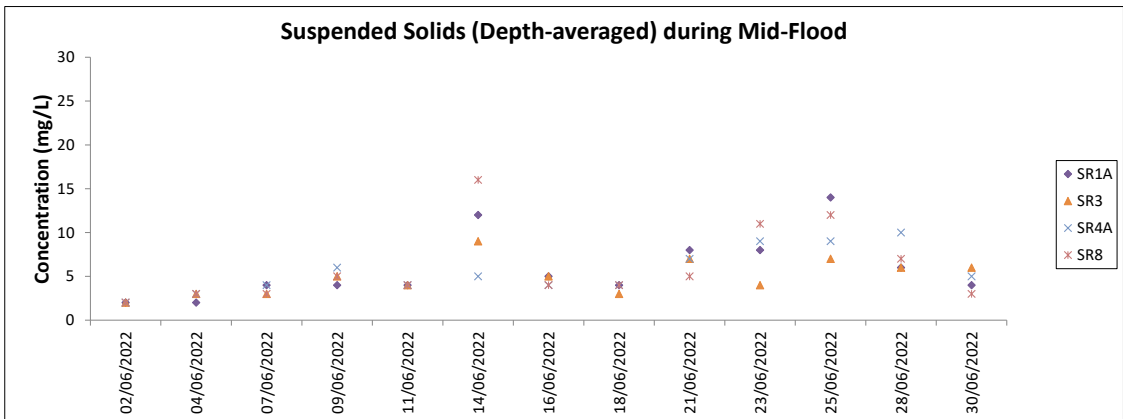
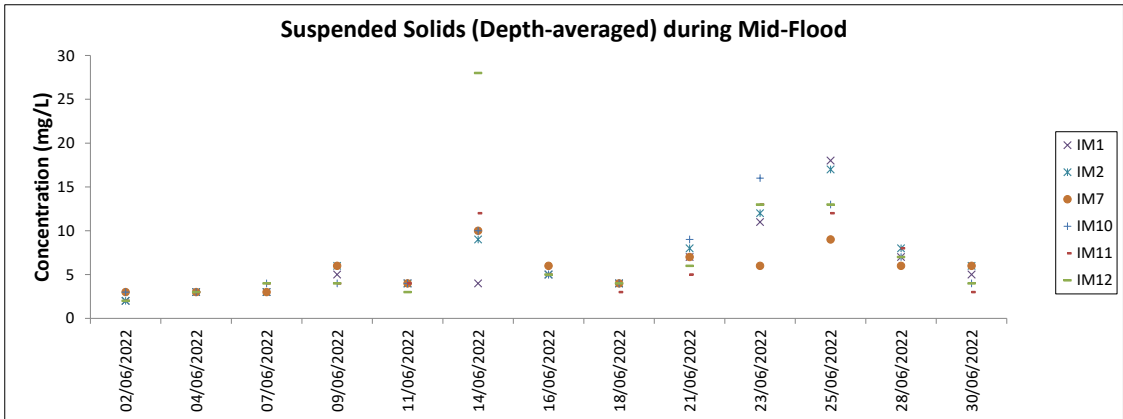
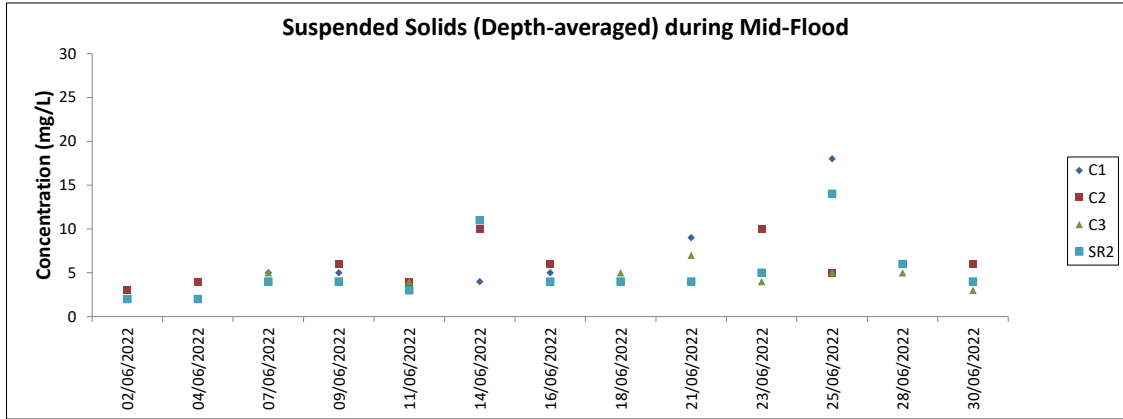
Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.



Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.



Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.



Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.
 Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
 Weather conditions during monitoring are presented in the data tables above.
 QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.

Chinese White Dolphin Monitoring Results

CWD Small Vessel Line-transect Survey

Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
06-Apr-22	SWL	2	23.067	SPRING	32166	3RS ET	P
06-Apr-22	SWL	3	31.346	SPRING	32166	3RS ET	P
06-Apr-22	SWL	2	9.583	SPRING	32166	3RS ET	S
06-Apr-22	SWL	3	6.754	SPRING	32166	3RS ET	S
07-Apr-22	NWL	2	57.470	SPRING	32166	3RS ET	P
07-Apr-22	NWL	3	6.100	SPRING	32166	3RS ET	P
07-Apr-22	NWL	2	10.531	SPRING	32166	3RS ET	S
07-Apr-22	NWL	3	1.000	SPRING	32166	3RS ET	S
11-Apr-22	SWL	1	8.575	SPRING	32166	3RS ET	P
11-Apr-22	SWL	2	44.677	SPRING	32166	3RS ET	P
11-Apr-22	SWL	1	0.902	SPRING	32166	3RS ET	S
11-Apr-22	SWL	2	13.602	SPRING	32166	3RS ET	S
14-Apr-22	AW	3	4.910	SPRING	32166	3RS ET	P
14-Apr-22	WL	3	19.290	SPRING	32166	3RS ET	P
14-Apr-22	WL	3	9.650	SPRING	32166	3RS ET	S
19-Apr-22	NEL	2	23.100	SPRING	32166	3RS ET	P
19-Apr-22	NEL	3	14.150	SPRING	32166	3RS ET	P
19-Apr-22	NEL	2	4.100	SPRING	32166	3RS ET	S
19-Apr-22	NEL	3	5.850	SPRING	32166	3RS ET	S
20-Apr-22	NEL	2	37.370	SPRING	32166	3RS ET	P
20-Apr-22	NEL	2	9.830	SPRING	32166	3RS ET	S
22-Apr-22	WL	2	14.921	SPRING	32166	3RS ET	P
22-Apr-22	WL	3	3.677	SPRING	32166	3RS ET	P
22-Apr-22	WL	2	6.456	SPRING	32166	3RS ET	S
22-Apr-22	WL	3	4.163	SPRING	32166	3RS ET	S
22-Apr-22	AW	1	3.220	SPRING	32166	3RS ET	P
22-Apr-22	AW	2	1.590	SPRING	32166	3RS ET	P
27-Apr-22	NWL	1	4.250	SPRING	32166	3RS ET	P
27-Apr-22	NWL	2	32.750	SPRING	32166	3RS ET	P
27-Apr-22	NWL	3	24.650	SPRING	32166	3RS ET	P
27-Apr-22	NWL	4	1.000	SPRING	32166	3RS ET	P
27-Apr-22	NWL	2	6.100	SPRING	32166	3RS ET	S
27-Apr-22	NWL	3	5.840	SPRING	32166	3RS ET	S
05-May-22	AW	2	2.920	SPRING	32166	3RS ET	P
05-May-22	AW	3	2.000	SPRING	32166	3RS ET	P
05-May-22	WL	2	5.195	SPRING	32166	3RS ET	P
05-May-22	WL	3	9.037	SPRING	32166	3RS ET	P
05-May-22	WL	4	2.510	SPRING	32166	3RS ET	P
05-May-22	WL	2	3.705	SPRING	32166	3RS ET	S
05-May-22	WL	3	4.821	SPRING	32166	3RS ET	S
05-May-22	WL	4	0.950	SPRING	32166	3RS ET	S
06-May-22	AW	2	2.930	SPRING	32166	3RS ET	P
06-May-22	AW	3	1.880	SPRING	32166	3RS ET	P
06-May-22	WL	2	6.666	SPRING	32166	3RS ET	P
06-May-22	WL	3	6.387	SPRING	32166	3RS ET	P
06-May-22	WL	2	3.577	SPRING	32166	3RS ET	S
06-May-22	WL	3	1.092	SPRING	32166	3RS ET	S

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
06-May-22	WL	4	1.192	SPRING	32166	3RS ET	S
10-May-22	NWL	2	12.600	SPRING	32166	3RS ET	P
10-May-22	NWL	3	48.400	SPRING	32166	3RS ET	P
10-May-22	NWL	4	2.200	SPRING	32166	3RS ET	P
10-May-22	NWL	2	3.100	SPRING	32166	3RS ET	S
10-May-22	NWL	3	9.200	SPRING	32166	3RS ET	S
11-May-22	NWL	3	48.600	SPRING	32166	3RS ET	P
11-May-22	NWL	4	15.800	SPRING	32166	3RS ET	P
11-May-22	NWL	3	10.300	SPRING	32166	3RS ET	S
11-May-22	NWL	4	1.000	SPRING	32166	3RS ET	S
16-May-22	NEL	2	28.540	SPRING	32166	3RS ET	P
16-May-22	NEL	3	9.600	SPRING	32166	3RS ET	P
16-May-22	NEL	2	10.460	SPRING	32166	3RS ET	S
17-May-22	NEL	2	31.980	SPRING	32166	3RS ET	P
17-May-22	NEL	3	4.880	SPRING	32166	3RS ET	P
17-May-22	NEL	2	10.340	SPRING	32166	3RS ET	S
27-May-22	SWL	2	21.030	SPRING	32166	3RS ET	P
27-May-22	SWL	3	32.180	SPRING	32166	3RS ET	P
27-May-22	SWL	2	3.980	SPRING	32166	3RS ET	S
27-May-22	SWL	3	12.230	SPRING	32166	3RS ET	S
30-May-22	SWL	2	37.268	SPRING	32166	3RS ET	P
30-May-22	SWL	3	13.317	SPRING	32166	3RS ET	P
30-May-22	SWL	2	10.802	SPRING	32166	3RS ET	S
30-May-22	SWL	3	4.900	SPRING	32166	3RS ET	S
08-Jun-22	NEL	2	33.490	SUMMER	32166	3RS ET	P
08-Jun-22	NEL	3	4.100	SUMMER	32166	3RS ET	P
08-Jun-22	NEL	2	9.710	SUMMER	32166	3RS ET	S
10-Jun-22	NEL	2	8.150	SUMMER	32166	3RS ET	P
10-Jun-22	NEL	3	29.260	SUMMER	32166	3RS ET	P
10-Jun-22	NEL	2	2.100	SUMMER	32166	3RS ET	S
10-Jun-22	NEL	3	8.090	SUMMER	32166	3RS ET	S
13-Jun-22	NWL	3	44.400	SUMMER	32166	3RS ET	P
13-Jun-22	NWL	4	19.600	SUMMER	32166	3RS ET	P
13-Jun-22	NWL	3	8.700	SUMMER	32166	3RS ET	S
13-Jun-22	NWL	4	2.900	SUMMER	32166	3RS ET	S
16-Jun-22	NWL	2	5.000	SUMMER	32166	3RS ET	P
16-Jun-22	NWL	3	56.100	SUMMER	32166	3RS ET	P
16-Jun-22	NWL	4	2.200	SUMMER	32166	3RS ET	P
16-Jun-22	NWL	3	11.300	SUMMER	32166	3RS ET	S
16-Jun-22	NWL	4	1.200	SUMMER	32166	3RS ET	S
21-Jun-22	WL	2	2.300	SUMMER	32166	3RS ET	P
21-Jun-22	WL	3	18.350	SUMMER	32166	3RS ET	P
21-Jun-22	WL	3	10.750	SUMMER	32166	3RS ET	S
21-Jun-22	AW	3	2.840	SUMMER	32166	3RS ET	P
21-Jun-22	AW	4	2.030	SUMMER	32166	3RS ET	P
22-Jun-22	SWL	2	53.159	SUMMER	32166	3RS ET	P
22-Jun-22	SWL	2	14.980	SUMMER	32166	3RS ET	S
23-Jun-22	SWL	2	44.900	SUMMER	32166	3RS ET	P
23-Jun-22	SWL	3	1.800	SUMMER	32166	3RS ET	P

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
23-Jun-22	SWL	2	11.271	SUMMER	32166	3RS ET	S
23-Jun-22	SWL	3	2.000	SUMMER	32166	3RS ET	S
24-Jun-22	AW	2	4.280	SUMMER	32166	3RS ET	P
24-Jun-22	WL	2	7.205	SUMMER	32166	3RS ET	P
24-Jun-22	WL	3	11.842	SUMMER	32166	3RS ET	P
24-Jun-22	WL	2	2.828	SUMMER	32166	3RS ET	S
24-Jun-22	WL	3	7.080	SUMMER	32166	3RS ET	S
24-Jun-22	SWL	3	3.901	SUMMER	32166	3RS ET	P
24-Jun-22	SWL	3	0.965	SUMMER	32166	3RS ET	S

Notes: CWD monitoring survey data of the two preceding survey months are presented for reference only.

CWD Small Vessel Line-transect Survey

Sighting Data

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
06-Apr-22	1	1102	FP	2	SWL	2	114	ON	3RS ET	22.1544	113.9361	SPRING	NONE	P
06-Apr-22	2	1110	FP	1	SWL	2	24	ON	3RS ET	22.1434	113.9286	SPRING	NONE	S
06-Apr-22	3	1323	FP	2	SWL	3	385	ON	3RS ET	22.1544	113.8971	SPRING	NONE	P
06-Apr-22	4	1423	FP	4	SWL	3	4	ON	3RS ET	22.1604	113.8785	SPRING	NONE	P
07-Apr-22	1	1057	CWD	2	NWL	2	1080	ON	3RS ET	22.3097	113.8709	SPRING	NONE	S
07-Apr-22	2	1113	CWD	1	NWL	2	741	ON	3RS ET	22.3132	113.8695	SPRING	NONE	S
11-Apr-22	1	1043	FP	1	SWL	2	38	ON	3RS ET	22.1788	113.9359	SPRING	NONE	P
11-Apr-22	2	1112	FP	2	SWL	2	20	ON	3RS ET	22.1666	113.9277	SPRING	NONE	P
11-Apr-22	3	1212	FP	4	SWL	2	101	ON	3RS ET	22.1538	113.9075	SPRING	NONE	P
11-Apr-22	4	1315	FP	4	SWL	2	65	ON	3RS ET	22.1495	113.8975	SPRING	NONE	P
11-Apr-22	5	1318	FP	2	SWL	2	72	ON	3RS ET	22.1490	113.8956	SPRING	NONE	S
11-Apr-22	6	1403	FP	2	SWL	1	255	ON	3RS ET	22.1871	113.8777	SPRING	NONE	P
11-Apr-22	7	1407	FP	3	SWL	1	12	ON	3RS ET	22.1821	113.8777	SPRING	NONE	P
11-Apr-22	8	1409	FP	2	SWL	1	444	ON	3RS ET	22.1788	113.8782	SPRING	NONE	P
11-Apr-22	9	1417	FP	1	SWL	1	206	ON	3RS ET	22.1643	113.8781	SPRING	NONE	P
11-Apr-22	10	1425	FP	5	SWL	1	216	ON	3RS ET	22.1632	113.8686	SPRING	NONE	P
11-Apr-22	11	1428	FP	3	SWL	1	207	ON	3RS ET	22.1656	113.8687	SPRING	NONE	P
11-Apr-22	12	1436	FP	4	SWL	1	580	ON	3RS ET	22.1799	113.8684	SPRING	NONE	P
11-Apr-22	13	1455	FP	8	SWL	2	61	ON	3RS ET	22.1867	113.8586	SPRING	NONE	P
11-Apr-22	14	1501	FP	3	SWL	2	318	ON	3RS ET	22.1760	113.8590	SPRING	NONE	P
11-Apr-22	15	1514	FP	2	SWL	2	14	ON	3RS ET	22.1831	113.8492	SPRING	NONE	P
11-Apr-22	16	1519	CWD	1	SWL	2	207	ON	3RS ET	22.1914	113.8495	SPRING	NONE	P
14-Apr-22	1	1126	CWD	5	WL	3	77	ON	3RS ET	22.2320	113.8365	SPRING	NONE	P
14-Apr-22	2	1233	CWD	2	WL	3	521	ON	3RS ET	22.1968	113.8423	SPRING	NONE	P
22-Apr-22	1	1112	CWD	1	WL	2	174	ON	3RS ET	22.2325	113.8348	SPRING	NONE	P
22-Apr-22	2	1133	CWD	1	WL	2	729	ON	3RS ET	22.2289	113.8378	SPRING	NONE	S
22-Apr-22	3	1145	CWD	7	WL	2	575	ON	3RS ET	22.2242	113.8250	SPRING	NONE	P
27-Apr-22	1	1111	CWD	2	NWL	2	179	ON	3RS ET	22.3302	113.8781	SPRING	NONE	P
05-May-22	1	1014	CWD	6	WL	3	800	ON	3RS ET	22.2777	113.8513	SPRING	PURSE SEINER	S
05-May-22	2	1039	CWD	2	WL	2	91	ON	3RS ET	22.2613	113.8501	SPRING	NONE	P
05-May-22	3	1059	CWD	2	WL	2	165	ON	3RS ET	22.2579	113.8374	SPRING	NONE	S
05-May-22	4	1104	CWD	1	WL	3	192	ON	3RS ET	22.2549	113.8353	SPRING	NONE	S

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
05-May-22	5	1143	CWD	6	WL	3	192	ON	3RS ET	22.2241	113.8335	SPRING	PURSE SEINER	P
05-May-22	6	1201	CWD	1	WL	3	283	ON	3RS ET	22.2238	113.8234	SPRING	NONE	P
05-May-22	7	1222	CWD	1	WL	3	135	ON	3RS ET	22.2148	113.8345	SPRING	NONE	P
06-May-22	1	1036	CWD	2	WL	2	169	ON	3RS ET	22.2631	113.8562	SPRING	NONE	S
06-May-22	2	1043	CWD	1	WL	2	717	ON	3RS ET	22.2606	113.8529	SPRING	NONE	P
06-May-22	3	1102	CWD	8	WL	2	394	ON	3RS ET	22.2418	113.8436	SPRING	NONE	P
06-May-22	4	1139	CWD	2	WL	2	1	ON	3RS ET	22.2269	113.8376	SPRING	NONE	S
06-May-22	5	1149	CWD	5	WL	2	95	ON	3RS ET	22.2236	113.8340	SPRING	NONE	P
06-May-22	6	1201	CWD	1	WL	3	335	ON	3RS ET	22.2175	113.8195	SPRING	NONE	S
06-May-22	7	1214	CWD	5	WL	3	221	ON	3RS ET	22.2145	113.8246	SPRING	NONE	P
06-May-22	8	1231	CWD	2	WL	3	132	ON	3RS ET	22.2058	113.8358	SPRING	NONE	P
06-May-22	9	1245	CWD	6	WL	3	32	ON	3RS ET	22.1964	113.8374	SPRING	NONE	P
27-May-22	1	1101	FP	1	SWL	3	52	ON	3RS ET	22.1438	113.9277	SPRING	NONE	S
27-May-22	2	1416	CWD	12	SWL	3	582	ON	3RS ET	22.1595	113.8736	SPRING	NONE	S
30-May-22	1	1053	FP	2	SWL	2	100	ON	3RS ET	22.1613	113.9363	SPRING	NONE	P
30-May-22	2	1403	CWD	2	SWL	2	817	ON	3RS ET	22.1782	113.8783	SPRING	NONE	P
30-May-22	3	1512	CWD	1	SWL	3	779	ON	3RS ET	22.1781	113.8497	SPRING	NONE	P
30-May-22	4	1534	CWD	10	SWL	3	145	ON	3RS ET	22.1869	113.8496	SPRING	PURSE SEINER	P
13-Jun-22	1	1214	CWD	3	NWL	3	105	ON	3RS ET	22.3813	113.8885	SUMMER	NONE	P
22-Jun-22	1	1037	FP	3	SWL	2	59	ON	3RS ET	22.1877	113.9363	SUMMER	NONE	P
22-Jun-22	2	1040	FP	11	SWL	2	130	ON	3RS ET	22.1821	113.9364	SUMMER	NONE	P
22-Jun-22	3	1044	FP	2	SWL	2	79	ON	3RS ET	22.1776	113.9364	SUMMER	NONE	P
22-Jun-22	4	1058	FP	3	SWL	2	238	ON	3RS ET	22.1418	113.9330	SUMMER	NONE	S
22-Jun-22	5	1124	FP	2	SWL	2	272	ON	3RS ET	22.1928	113.9273	SUMMER	NONE	P
22-Jun-22	6	1151	FP	4	SWL	2	126	ON	3RS ET	22.1717	113.9189	SUMMER	NONE	S
22-Jun-22	7	1246	CWD	2	SWL	2	573	ON	3RS ET	22.2123	113.8992	SUMMER	NONE	S
22-Jun-22	8	1446	CWD	2	SWL	2	890	ON	3RS ET	22.1927	113.8685	SUMMER	NONE	P
22-Jun-22	9	1508	CWD	1	SWL	2	119	ON	3RS ET	22.1967	113.8588	SUMMER	NONE	P
23-Jun-22	1	1124	CWD	1	SWL	2	61	ON	3RS ET	22.2000	113.9276	SUMMER	NONE	P
23-Jun-22	2	1140	CWD	5	SWL	2	80	ON	3RS ET	22.2055	113.9218	SUMMER	NONE	S
23-Jun-22	3	1437	CWD	1	SWL	2	291	ON	3RS ET	22.1739	113.8783	SUMMER	NONE	P
23-Jun-22	4	1457	CWD	1	SWL	2	1334	ON	3RS ET	22.1603	113.8698	SUMMER	NONE	S
23-Jun-22	5	1525	CWD	18	SWL	2	253	ON	3RS ET	22.1991	113.8607	SUMMER	NONE	S

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
24-Jun-22	1	1140	CWD	1	WL	2	124	ON	3RS ET	22.2142	113.8296	SUMMER	NONE	P
24-Jun-22	2	1151	CWD	2	WL	2	100	ON	3RS ET	22.2141	113.8335	SUMMER	NONE	P
24-Jun-22	3	1223	CWD	2	WL	3	495	ON	3RS ET	22.1986	113.8268	SUMMER	NONE	S
24-Jun-22	4	1237	CWD	11	WL	3	114	ON	3RS ET	22.1962	113.8295	SUMMER	NONE	P
24-Jun-22	5	1316	CWD	7	SWL	3	64	ON	3RS ET	22.1935	113.8498	SUMMER	NONE	P
24-Jun-22	6	1341	CWD	2	SWL	3	61	ON	3RS ET	22.1743	113.8499	SUMMER	NONE	P
24-Jun-22	7	1358	CWD	9	SWL	3	526	ON	3RS ET	22.1862	113.8586	SUMMER	NONE	P

Abbreviations: STG# = Sighting Number; GP SZ = Group Size; BEAU = Beaufort Sea State; PSD = Perpendicular Distance (in metres); N/A = Not Applicable; DEC LAT = Latitude (WGS84 in Decimal), DEC LON = Longitude (WGS84 in Decimal); BOAT ASSOC. = Fishing Boat Association; P/S = Primary Transect / Secondary Transect

Notes:

CWD monitoring survey data of the two preceding survey months are presented for reference only. No relevant figure or text will be mentioned in this monthly EM&A report.

Sighting data of finless porpoise (FP) are presented for reference only. No relevant figure or text will be mentioned in the monthly EM&A report. All FP sightings are excluded in calculation.

Calculation of the encounter rates STG and ANI in the whole survey area (NEL, NWL, AW, WL, SWL):

A total of 420.851 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 16 on-effort sightings and total number of 68 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in June 2022 are shown as below:

Encounter Rate by Number of Dolphin Sightings (STG) in June 2022

$$STG = \frac{16}{420.851} \times 100 = 3.80$$

Encounter Rate by Number of Dolphins (ANI) in June 2022

$$ANI = \frac{68}{420.851} \times 100 = 16.16$$

Calculation of the running quarterly STG and ANI in the whole survey area (NEL, NWL, AW, WL, SWL):

A total of 1284.242 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 45 on-effort sightings and total number of 166 dolphins from on-effort sightings were collected under such condition. Calculation of the running quarterly encounter rates are shown as below:

Running Quarterly Encounter Rate by Number of Dolphin Sightings (STG)









$$STG = \frac{45}{1284.242} \times 100 = 3.50$$

Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{166}{1284.242} \times 100 = 12.93$$

CWD Small Vessel Line-transect Survey

Photo Identification

	
NLMM009_20220613_1_2	NLMM015_20220613_1_5
	
WLMM164_20220613_1_2	WLMM131_20220622_7_1
	
SLMM012_20220622_8_4	SLMM037_20220622_8_9
	
SLMM060_20220622_9_2	WLMM003_20220623_1_5



SLMM025_20220623_2_1



SLMM014_20220623_3_1



SLMM050_20220623_5_1



WLMM019_20220623_5_2



WLMM049_20220623_5_1



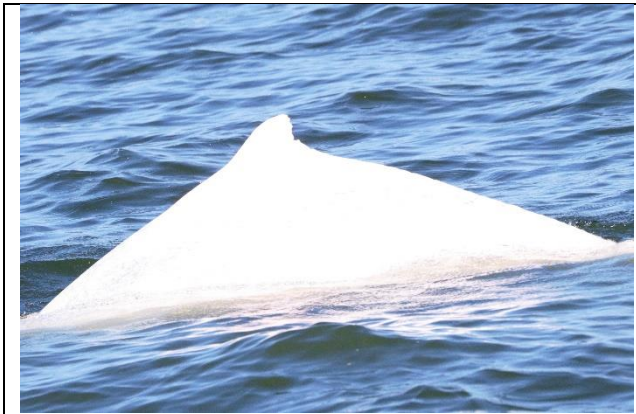
WLMM071_20220623_5_3



WLMM079_20220623_5_3



WLMM147_20220623_5_3_Lower



WLMM163_20220623_5_3



WLMM013_20220624_2_2



NLMM069_20220624_4_2



WLMM013_20220624_4_3



WLMM052_20220624_4_2



WLMM176_20220624_4_2_Right



SLMM002_20220624_5_3



SLMM012_20220624_5_6



SLMM034_20220624_5_8



SLMM037_20220624_5_4



WLMM056_20220624_5_2



NLMM027_20220624_7_3



NLMM040_20220624_7_3



NLMM085_20220624_7_6



SLMM074_20220624_7_4



SLMM075_20220624_7_13



SLMM076_20220624_7_6



WLMM049_20220624_7_10

CWD Land-based Theodolite Tracking Survey**CWD Groups by Survey Date**

Date	Station	Start Time	End Time	Duration	Beaufort Range	Visibility	No. of Focal Follow Dolphin Groups Tracked	Dolphin Group Size Range
22-Jun-22	Lung Kwu Chau	8:51	14:51	6:00	1-2	3	0	-
24-Jun-22	Sha Chau	10:45	16:45	6:00	2	2	0	-

Visibility: 1=Excellent, 2=Good, 3=Fair, 4=Poor